ATS-09-525

BLM-CARLSBAD FIELD OFFICE

Form 3160-3
(August 2007)

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
NM ~~92189~~ 120908

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☐ DRILL ☑ REENTER NOS Rec'd 7-22-09

7. If Unit or CA Agreement, Name and No.

1b. Type of Well: ☐ Oil Well ☐ Gas Well ☑ Other ☑ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Turquoise "30" Federal SWD #1

2. Name of Operator
OGX Resources, LLC 217955

9. API Well No.
30 025 33455

3a. Address
P.O. Box 1064, Midland, TX 79702

3b. Phone No. *(include area code)*
432 685-1287;684-6381

10. Field and Pool, or Exploratory
Wildcat Delaware

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface 1930' FNL & 1980' FWL (F)
At proposed prod. zone same

11. Sec., T. R. M. or Blk. and Survey or Area
Sec 30, T24S, R32E

14. Distance in miles and direction from nearest town or post office*
24 miles East of Loving, New Mexico

12. County or Parish
Lea

13. State
NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1930'

16. No. of acres in lease
40-Injection well

17. Spacing Unit dedicated to this well
40-Injection well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. n/a

19. Proposed Depth
7042' PBTD

20. BLM/BIA Bond No. on file
NMB 000244

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
3534' GL

22. Approximate date work will start*
09/20/2009

23. Estimated duration
8-10 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature

Name *(Printed/Typed)*
Ann E. Ritchie

Date
08/12/2009

Title
Regulatory Agent

Approved by *(Signature)*

Name *(Printed/Typed)*

Date

Title

Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30 025 33455		Wildcat; Delaware

Property Code	Property Name	Well Number
	TURQUOISE "30" FEDERAL	1

OGRID No.	Operator Name	Elevation
217955	OGX RESOURCES, LLC	3535'

Surface Location

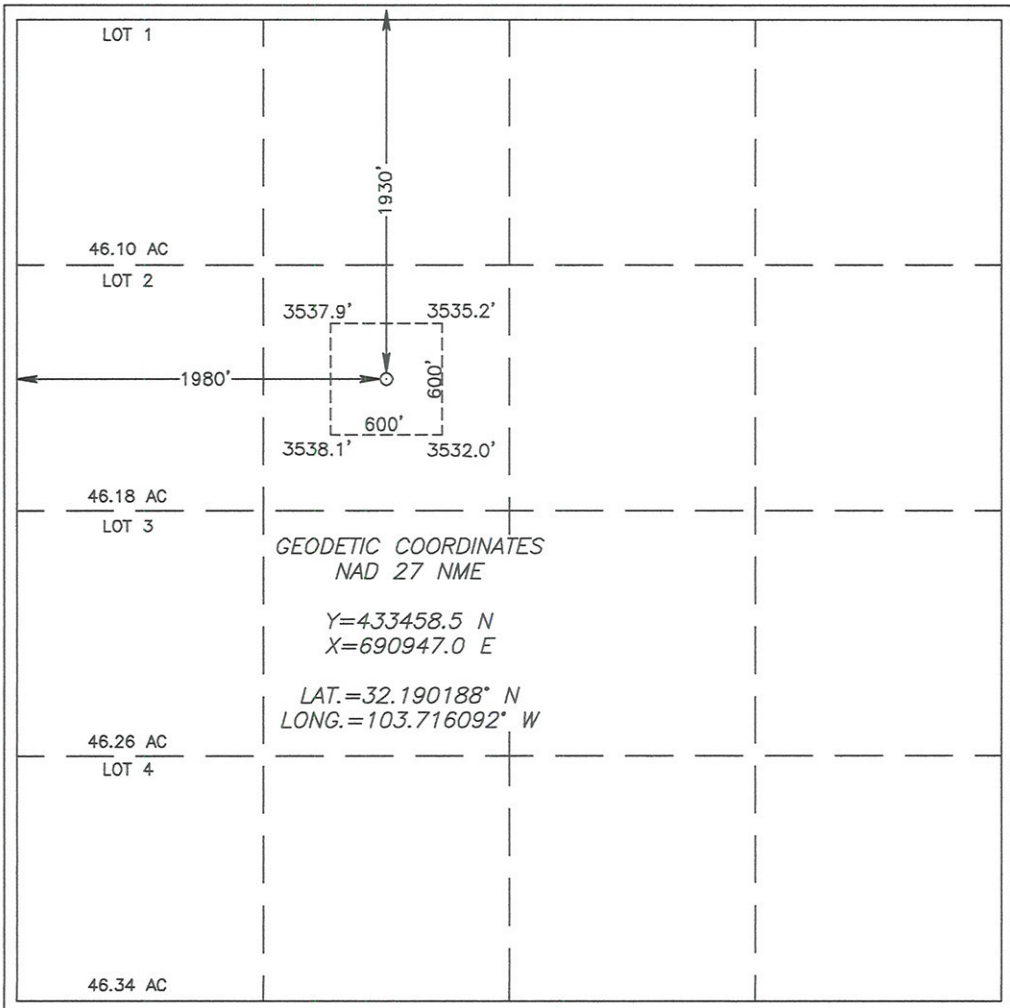
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	30	24-S	32-E		1930	NORTH	1980	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40 - SWD			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 8-12-09 Date

Ann E. Ritchie
Printed Name

Regulatory Agent

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

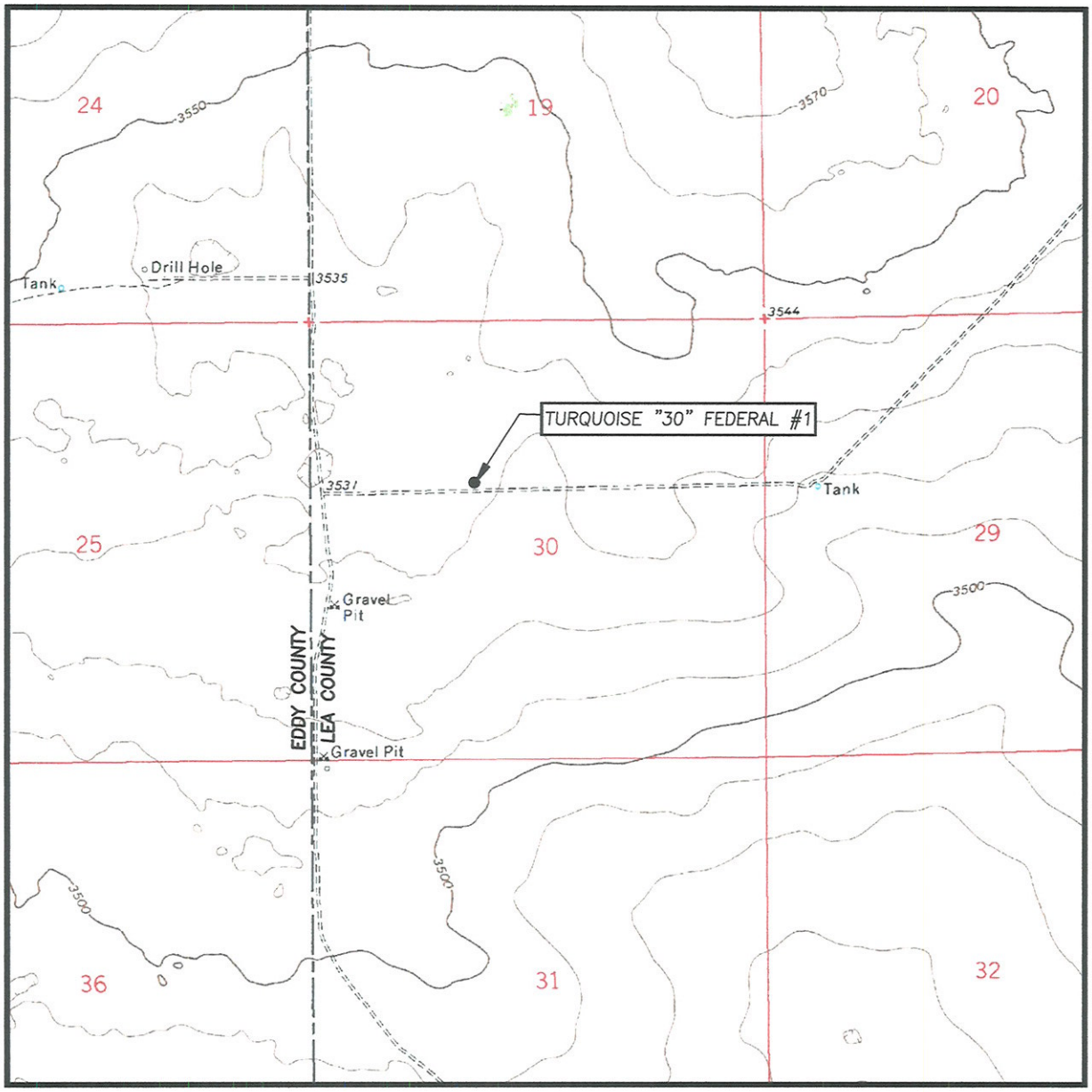
JULY 23, 2009
Date Surveyed LA

Signature & Seal of Professional Surveyor

09.11.0652

Certificate No. GARY EIDSON 12641
RON EIDSON 3239

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PADUCA BREAKS NW, N.M. – 10'

SEC. 30 TWP. 24–S RGE. 32–E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1930' FNL & 1980' FWL

ELEVATION 3535'

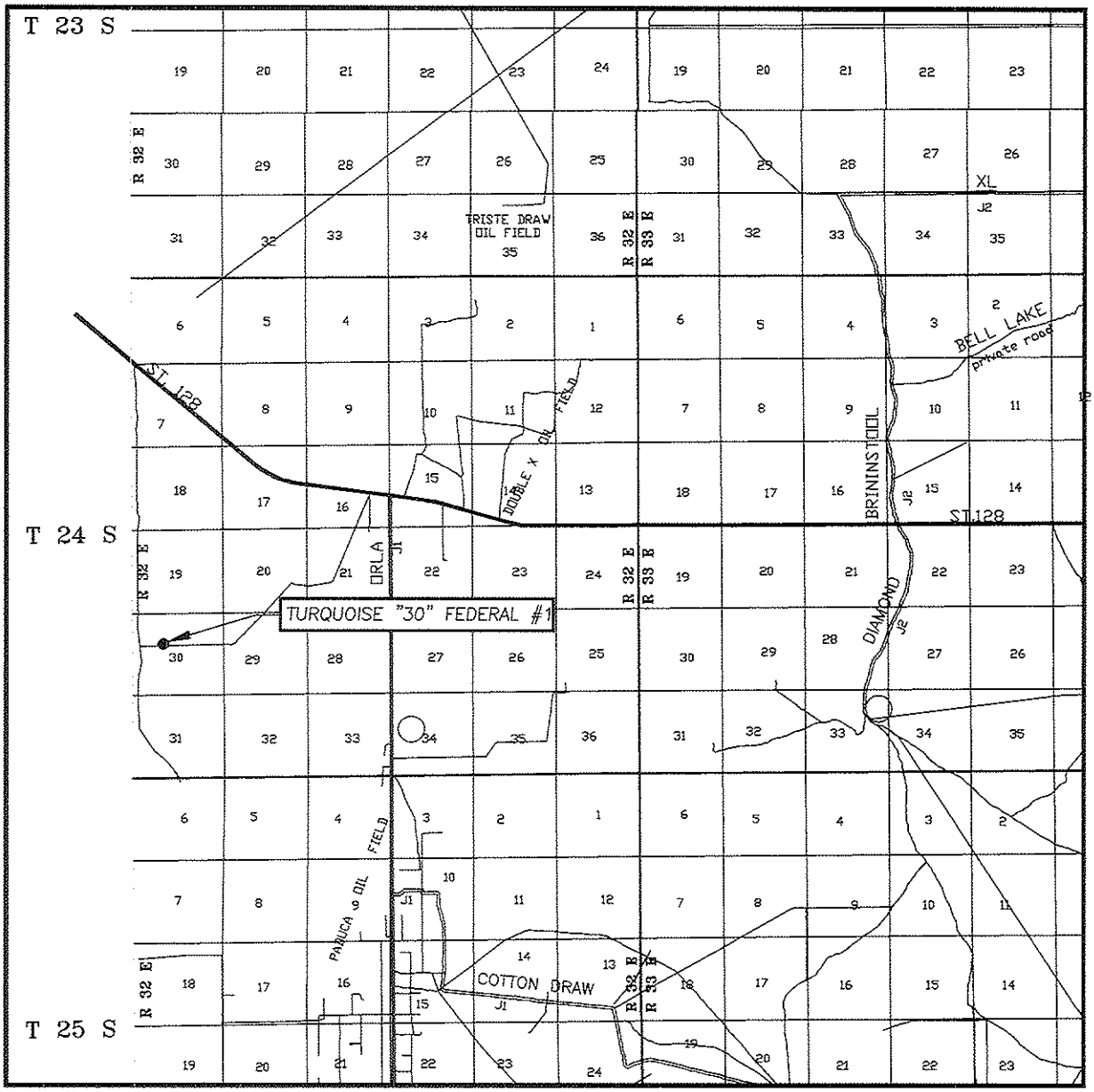
OPERATOR OGX RESOURCES

LEASE TURQUOISE "30" FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
PADUCA BREAKS NW, N.M.

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393–3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 24-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1930' FNL & 1980' FWL

ELEVATION 3535'

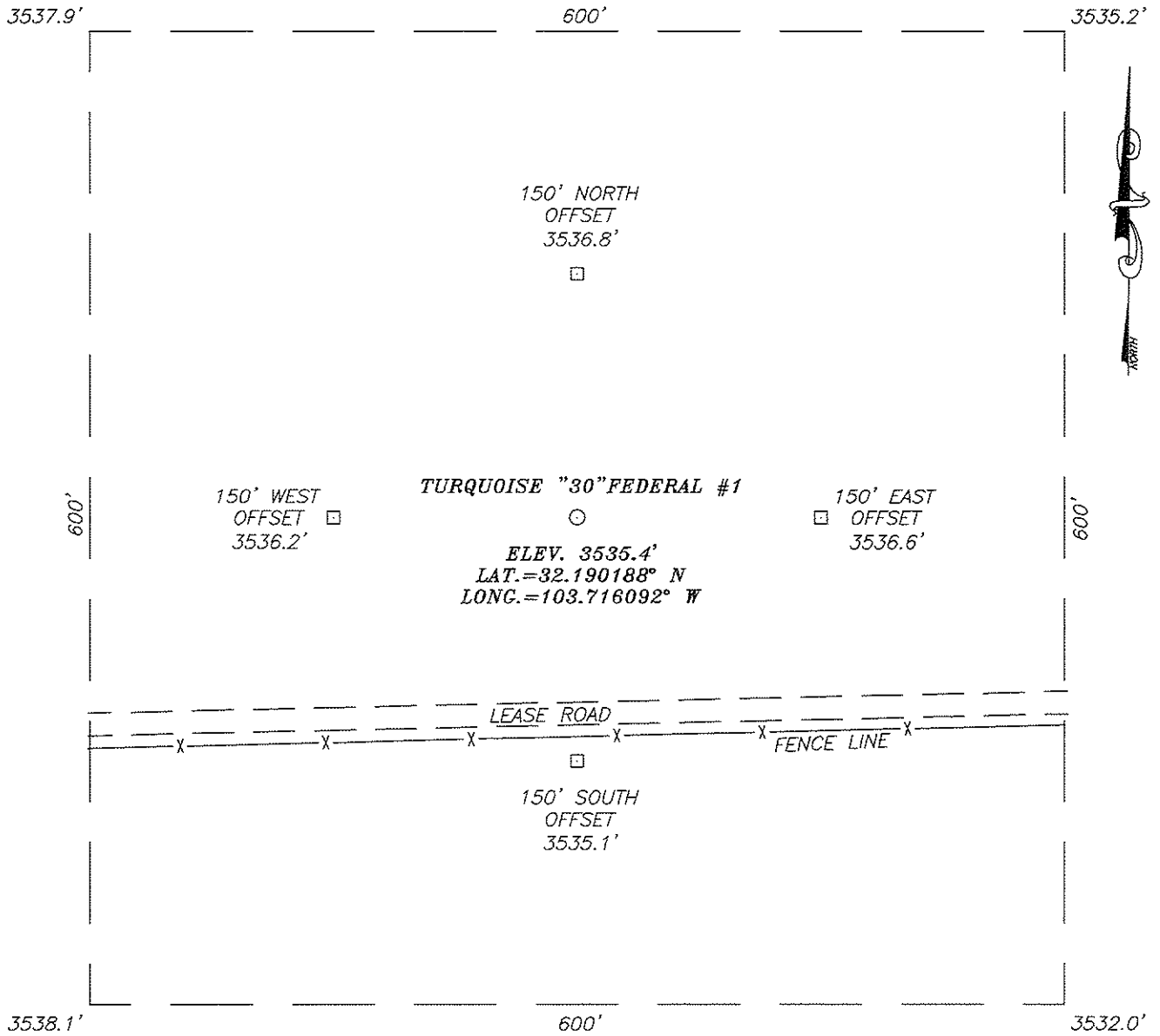
OPERATOR OGX RESOURCES

LEASE TURQUOISE "30" FEDERAL

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

SECTION 30, TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,

LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #128 AND CO. RD. #786 (BUCK JACKSON RD) GO SOUTHWEST ON CO. RD. #786 APPROX. 0.4 MILES. TURN LEFT AND GO SOUTH APPROX. 2.9 MILES. TURN LEFT AND GO EAST APPROX. 0.4 MILES. THIS LOCATION IS APPROX. 125 FEET NORTH.

100 0 100 200 Feet

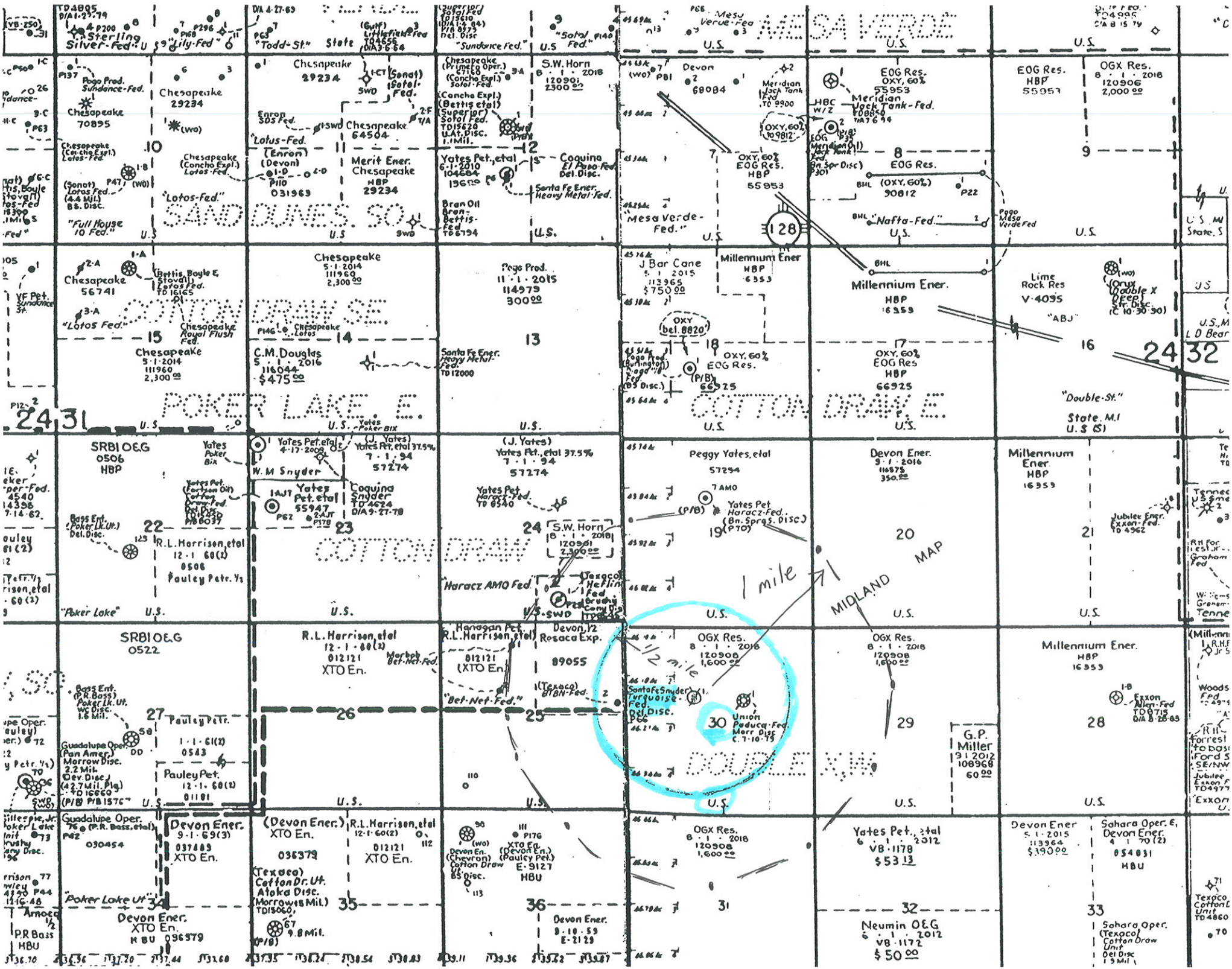
Scale:1"=100'

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

OGX RESOURCES

TURQUOISE "30" FEDERAL #1 WELL
LOCATED 1930 FEET FROM THE NORTH LINE
AND 1980 FEET FROM THE WEST LINE OF SECTION 30,
TOWNSHIP 24 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 7/23/09	Sheet 1 of 1 Sheets		
W.O. Number: 09.11.0652	Dr By: LA	Rev 1:N/A	
Date: 7/27/09		09110652	Scale:1"=100'


MESA VERDE
SAND DUNES SO.
COTTON DRAW SE.
POKER LAKE E.
COTTON DRAW
COTTON DRAW E.
DOUBLE X
1 mile
1/2 mile
MIDLAND MAP
10
11
12
15
14
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24 32
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35
36
31
32
33
128
Chesapeake 29234
Chesapeake 70895
Chesapeake 64504
Chesapeake 56741
Chesapeake 111960 2,300 00
Chesapeake 5-1-2014 111960 2,300 00
C.M. Douglas 5-1-2016 116044 $475 00
Pogo Prod. 11-1-2015 114979 300 00
Santa Fe Ener. Heavy Metal-Fed. TD 12000
S.W. Horn 8-1-2018 120901 2300 00
Devon 68084
EOG Res. OXY, 60% 55953 Meridian Jack Tank-Fed. TD 9900
EOG Res. HBP 55953
OGX Res. 8-1-2018 120906 2,000 00
OXY, 60% EOG Res. HBP 65953
Millennium Ener. HBP 16353
J Bar Cane 5-1-2015 113965 $750 00
Lime Rock Res V-4095
Peggy Yates, etal 57294
Yates Pet. etal 4-17-2008 W.M. Snyder
Yates Pet. etal 55947
Coquina Snyder TD 4624 D/A 9-27-78
Yates Pet. etal 37.5% 7-1-94 57274
Yates Pet. Haracz-Fed. TD 8540
Haracz AMO Fed.
Texaco Heflin Fed Brushy Comm Dis
Yates Pet. Haracz-Fed. (Bn. Spgs. Disc.)
Devon Ener. 9-1-2016 116875 350.00
Millennium Ener. HBP 16353
SRBI O&G 0506 HBP
SRBI O&G 0522
R.L. Harrison, etal 12-1-60(2) 012121 XTO En.
Hanagan Pet. R.L. Harrison, etal 012121 (XTO En.)
Devon, 1/2 Rosaca Exp. 89055 (Texaco) 01BN-Fed.
OGX Res. 8-1-2018 120908 1,600 00
Santa Fe Snyder Turquoise Fed. Del. Disc. P66
Union Paducah-Fed Morr Disc C. 7-10-79
G.P. Miller 9-1-2012 108968 60 00
Millennium Ener. HBP 16353
Pauley Petr. 1-1-61(2) 0543
Pauley Pet. 12-1-60(2) 01101
Guadalupe Oper. (P.R. Bass, etal) 030454
Devon Ener. 9-1-69(3) 037489 XTO En.
(Devon Ener.) XTO En. 036379 (Texaco) Cotton Dr. Ut. Atoka Disc. (Morrow 8 Mil.) TD 15060
R.L. Harrison, etal 12-1-60(2) 012121 XTO En.
Devon Ener. 8-10-59 E-2129 HBU
Yates Pet., etal 6-1-2012 VB-1178 $53 13
Neumin O&G 6-1-2012 VB-1172 $50 00
Devon Ener 5-1-2015 113964 $390 00
Sahara Oper. Devon Ener. 4-1-70(2) 054831 HBU
Sahara Oper. (Texaco) Cotton Draw Unit
Amoco P.R. Bass HBU
Devon Ener. XTO En. HBU 036379
Poker Lake Ut.
Mesa Verde-Fed.
Nafta-Fed.
Double-St.
Lotos-Fed.
Sterling Silver-Fed.
Lily-Fed.
Todd-St.
Sundance-Fed.
Full House 10 Fed.
Bet-Net-Fed.
Poker Lake
Lotos
Sundance
Pogo Mesa Verde Fed
Jubilee Ener. Exxon-Fed. TD 4962
Exxon Allen-Fed TD 6715 D/A 8-28-83
Texaco Cotton Draw Unit TD 4860

OGX Resources, LLC
Re-Entry Program
Turquoise "30" Fed SWD Well #1
Location : 1930' FL & 1980' FWL, Section 30-T24S-R32E, Lea County, NM
Re-Entry to Utilize for Lease Injection

1. **Geologic Name of Surface Formation:** Quaternary Alluvium Deposits

2. **Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil, & Gas:**

Geological Marker		Depth	Type
a.	Rustler	0-550'	non-prod
b.	Salado	550'	non-prod
c.	Base Salt	4300'	non-prod
d.	Delaware Lime	4300'	Oil
e.	Cherry Canyon	7100'	Oil
f.	Total Depth	8754'	

None of the above formations are expected to yield oil, gas, or fresh water in measureable volumes. This well was drilled by Santa Fe Energy Resources, Inc. in June, 1996, Bell & Cherry Canyon Delaware were non-productive. Closest producing well is the Resaca Operating Co., Sec 25, T24S, R31E, Eddy County, NM producing from the Bone Spring-Cotton Draw, SE pool. The surface fresh water sands are protected with 622'', 13 3/8" surface casing with cement circulated back to surface. Other sands are protected by 8 5/8" casing at 4470' w/cement circulated to surface. Production casing - 5 l/2", 15.5 & 17# new J55 casing was run to 8754' and cemented with 800 sx Lite and "H" cement, TOC @ 4050'. 5 l/2" casing cut off @ 3317', will tie back @ 3317' cut off.

3. **Casing Program:**

Hole Size	Hole Interval	OD Casing	Casing Interval	Weight	Grade	Collar
17 l/2"	0-622'	13 3/8"	0' – 622'	48#/ft	J-55	ST&C
11"	622-4470'	8 5/8"	0'- 4470'	32#/ft	J-55	LT&C
7 7/8"	4470'-8754'	5 l/2"	3317-8754'	15.5&17#/ft	J-55	LT&C

Design Parameter Factors:

Casing Size	Burst Design Factor	Collapse Design Factor	Tension Design Factor
13 3/8"	3.70	1.97	9.01J
8 5/8"	1.66	1.15	3.40J
5 l/2"	1.50	1.30	1.89J

4. **Cement Program:**
As per attached Bureau of Land Management, Form 3160-4 Well Completion.

5. **Pressure Control Equipment:**
The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a (5M system) double ram type (5000 psi WP) preventer. The BOP will be installed on existing 13 3/8" surface casing and will be utilized continuously until plug back total depth of 7042' is reached. All BOP's and associated equipment will be tested to 1200 psi with the unit pump before drilling out the plugs. The BOP will be tested as per BLM Drilling Operations Order #2. Last plug to be drilled through was set at 4410-4570'.

Pipe rams will be operated and checked each 24 hr period and these will be documented on the daily drillers log.

6. **Proposed Mud Circulating System:**

Depth	Mud Wt.	Visc	Fluid Loss	Type System
0' – 4570'	8.4 – 10.0	28-32	N/C	Fresh Water/Cut Brine

As per initial drilling data no loss zones or pressure zones are anticipated. Logs have been run and submitted to the BLM.

7. **Auxiliary Well Control and Monitoring Equipment:** none needed

8. **Logging, Coring, & Testing Program:** none needed

9. **Potential Hazards:**
   a. No abnormal pressures or temperatures are expected.
   b. There is no known presence of H2S in this area. If H2S is encountered, the operator will comply with the provisions of Onshore Oil and Gas Order No. 6.
   c. No lost circulation is expected to occur.
   d. All personnel will be familiar with all aspects of safe operation of equipment being used to re-enter this well.
   e. Estimated BHP is approximately 2200 psi @ the base of the Cherry Canyon interval @ 7200'
   f. Estimated BHT is approximately 150 deg F @ PBTD of the well 7042'

10. **Anticipated Starting Date and Duration of Operations:**
Road and location exist. The Arch Survey is on file with the BLM. Anticipated re-entry date will be as soon after BLM approval and New Mexico Oil Conservation Division approval of injection application. Move in operations, re-entry will take approximately 8-10 days and completion is expected to take an addition 7 days. Surface facilities and flow lines will be constructed in order to place well on injection.

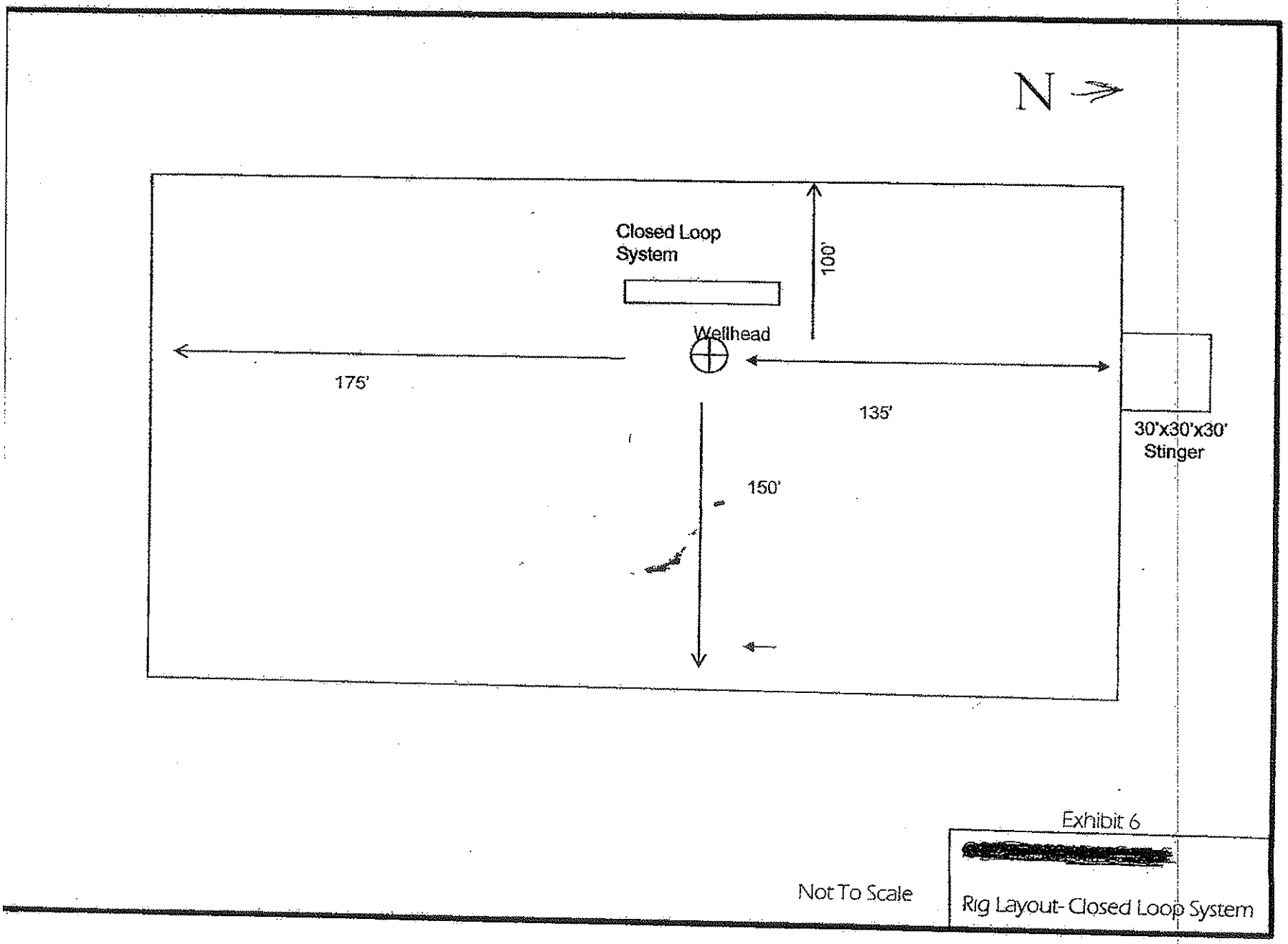
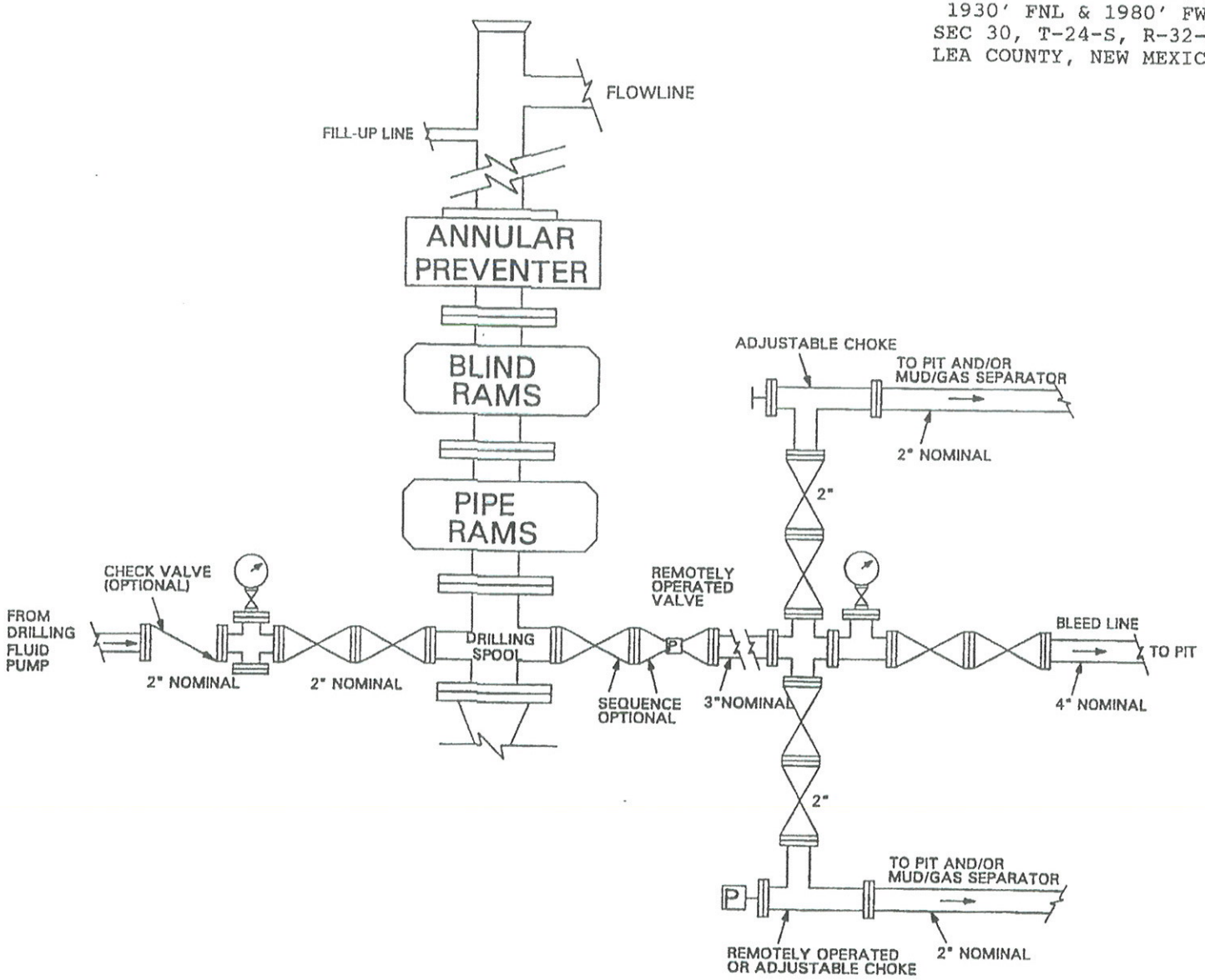


Exhibit 6

Not To Scale

Rig Layout- Closed Loop System

EXHIBIT B
SANTA FE ENERGY RESOURCES, INC.
TURQUOISE "30" FED #1
1930' FNL & 1980' FWL
SEC 30, T-24-S, R-32-E
LEA COUNTY, NEW MEXICO

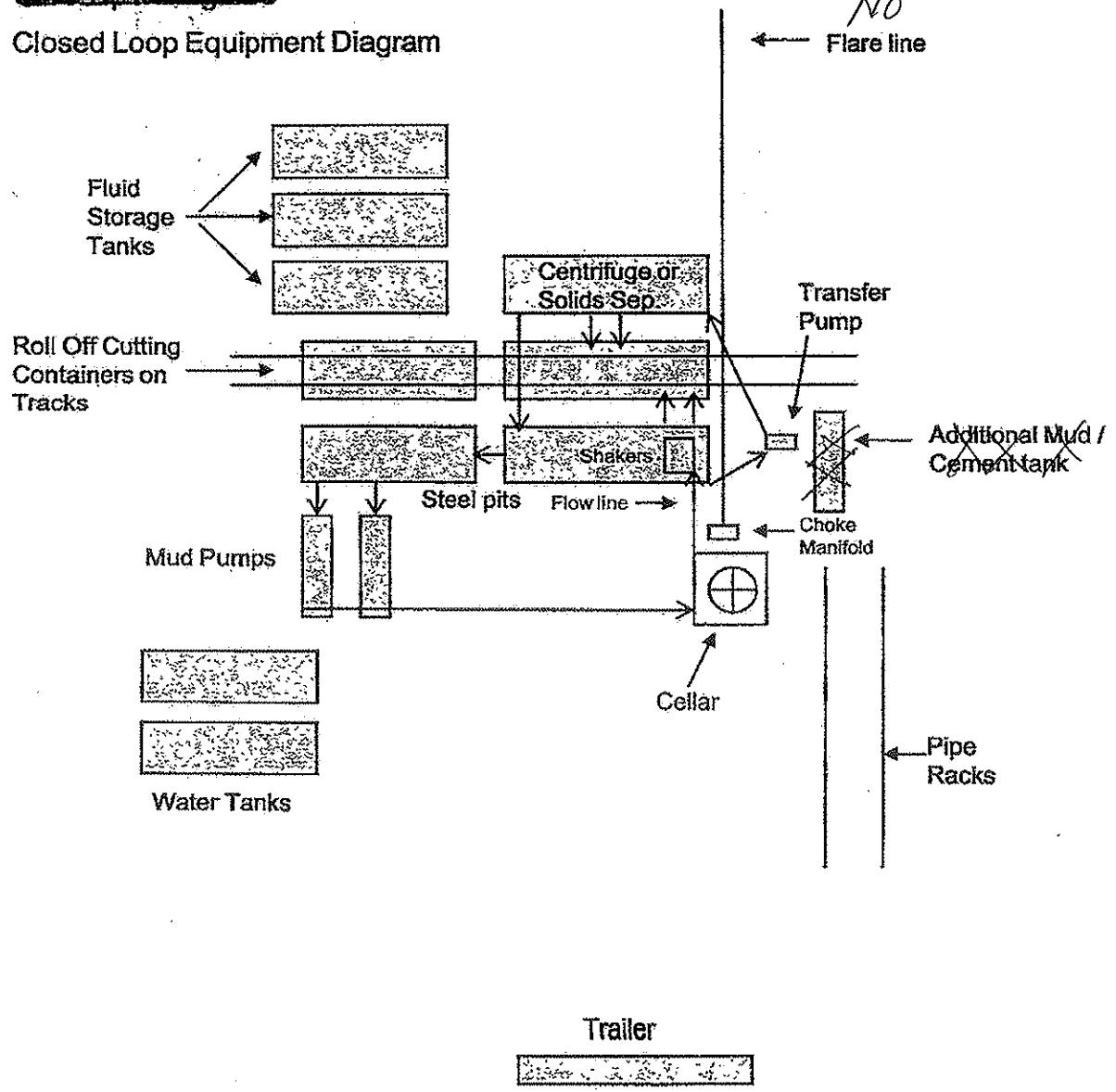


Re-entry
Reverse Unit

Reverse Unit Only

[redacted]

Closed Loop Equipment Diagram



Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM-92189

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ]

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

N.M. Oil Cons. Division
P.O. Box 1980
Hobbs, NM 88241

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Santa Fe Energy Resources, Inc.

8. FARM OR LEASE NAME, WELL NO.: Turquoise "30" Federal #1

3. ADDRESS AND TELEPHONE NO.: 550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551

9. API WELL NO.: 30-025-33455

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: (F). 1930' FNL & 1980' FWL, Sec. 30, T-24S, R-32E
At top prod. interval reported below
At total depth

10. FIELD AND POOL, OR WILDCAT: Wildcat Delaware

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 30, T-24S, R-32E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
		Lea	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
6/21/96	7/9/96	9/22/96	3534' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8754'	8165'	N/A	→	All	N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*: 7254'-7278' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Platform Express LDT/CNL; AIT/GR

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48.0#	622'	17-1/2"	600 sx Cl C + add. (circ)	None
8-5/8" J-55	32.0#	4470'	11"	1200 sx POZ & "C" (circ)	None
5-1/2" J55, J55	15.5 & 17.0	8754'	7-7/8"	800 sx Lite & "H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7135'	N/A

31. PERFORATION RECORD (*Interval, size and number*)
8244'-8264' (plugged w/ CIBP @ 8200')
7254'-7278'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8244'-8264'	CIBP @ 8200' w/35' cmt on top
7254'-7278'	2000 gals 7.5% NeFe w/40 BS.
	Frac'd w/ 13,000 gals gel
	and 46,000# sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping - size and type of pump*)	WELL STATUS (*Producing or shut-in*)
9/20/96	Pumping w/ 1-1/2" x 22' pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
9/28/96	24 hr.	N/A		66	44	185	667

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
N/A	100#		66	44	185	37.9 deg

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented during test

ACCEPTED FOR RECORD
(ORIG. SGD.) ALEXIS C. SWOBODA
OCT 3 0 1996

35. LIST OF ATTACHMENTS: C-104, Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Terry McCullough TITLE Sr. Production Clerk DATE 10/21/96

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

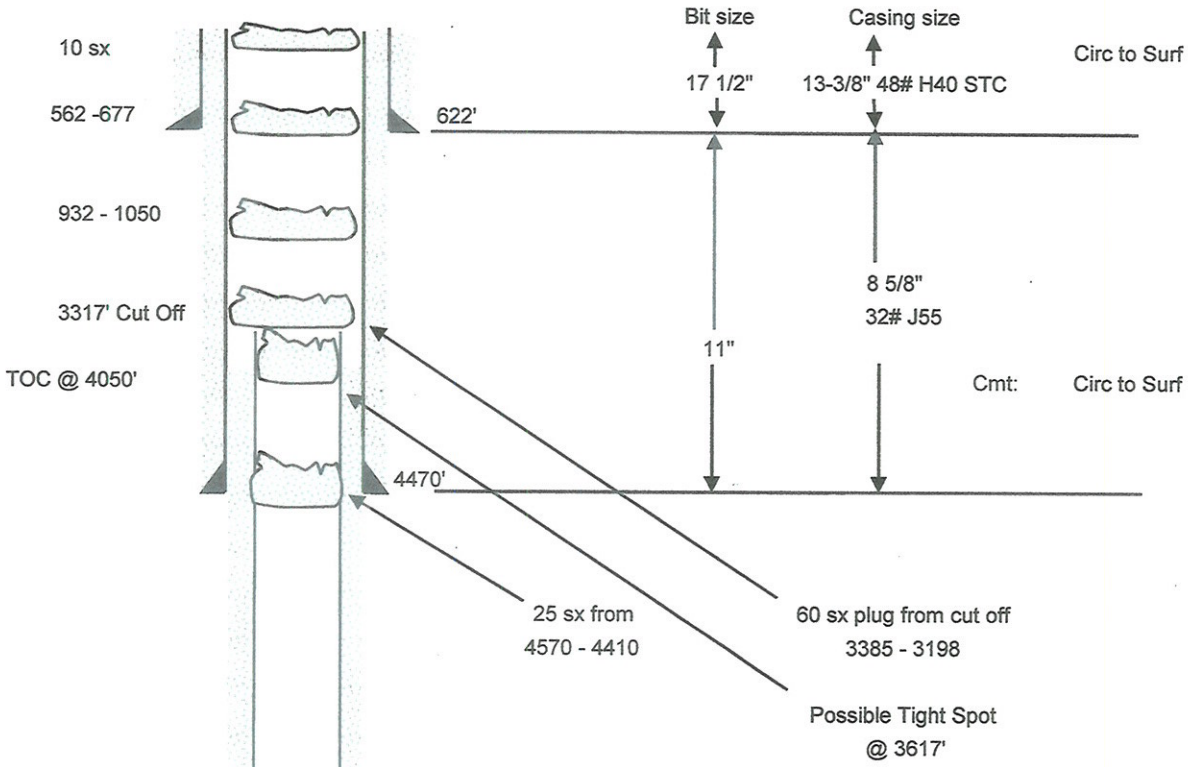
OGX Resources LLC

TURQUOISE 30 FED No.1
sur:1980'FNL & 1980'FWL
Sec. 30, T24S, R32E
Lea County, New Mexico

CURRENT WELLBORE

Spud

API: 30-025-33455



7042-7200 25 sx

7254-7278 25 holes

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French L
Hobbs, NM 88240

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM-92189

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement, Name and/or No.
NA

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Turquoise "30" Federal #1

2. Name of Operator
Devon SFS Operating, Inc.

9. API Well No.
30-025-33455

3a. Address
20 N.Broadway, Suite 1500, Okla City, OK 73102

3b. Phone No. *(include area code)*
(405)552-4528

10. Field and Pool, or Exploratory Area
East Cotton Draw Field

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1,930' FNL & 1,980' FWL of Section 30-T24S-R32E Unit F

11. County or Parish, State
Lea County,
New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/ Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Approved is for plugging of well bore only.
Liability under bond is retained until surface restoration is completed.

APPROVED
JUL 2 2002
GARY GOURLEY
PETROLEUM ENGINEER

Permanitly Plugged And Abandoned As Follows:

6/18/02 - Attempt to set CIBP at 7,200', could not get below 3,617'.
Spot balanced cement plug 7,042'-7,200' with 25 sxs.
6/19/02 - Spot balanced cement plug 4,410'- 4,570' (base of salt at 4,300') with 25 sxs. WOC. Tag plug.
Cut off 5 1/2" casing at 3,317'.
Spot balanced cement plug 3,198'-3,385' with 60 sxs. WOC. Tag plug.
6/21/02 - Spot balanced cement plug 932'- 1,050' (top of salt at 1,000') with 30 sxs. WOC. Tag plug.
Spot balanced cement plug 562'- 677' (surface casing shoe at 622') with 30 sxs. WOC. Tag plug.
Spot cement plug 0'- 60' with 10 sxs.
6/22/02 - Cut off 8 5/8" and 13 3/8" casing 3' below ground level and install dry hole marker. Clean up location.

Note: 1. Cement was Class "C" at 14.8ppg with a yield of 1.32 cu ft/sx.
2. 9.5ppg mud was spotted between cement plugs.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Charles H. Carleton

Title
Senior Engineering Technician

Signature
Charles H Carleton

Date
06/27/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

GWW

OGX Resources LLC

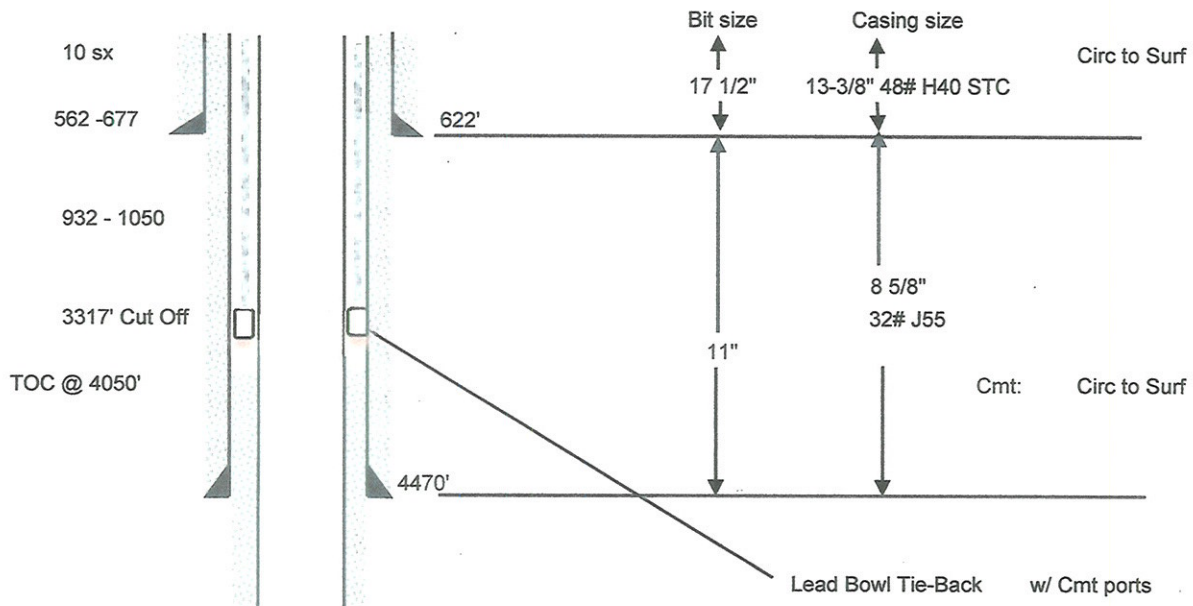
TURQUOISE 30 FED No.1 SWD

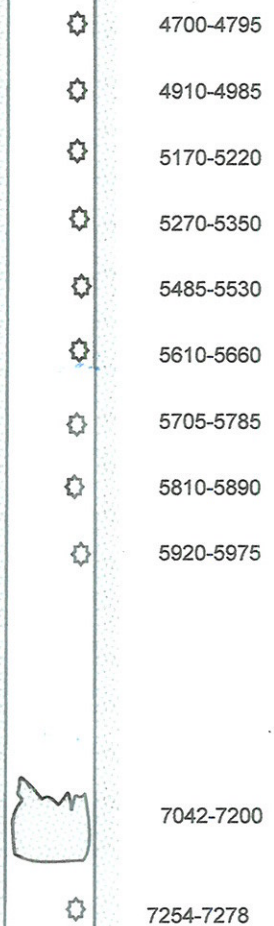
sur: 1980'FNL & 1980'FWL
30
Sec. 30, T24S, R32E
Lea County, New Mexico

PROPOSED WELLBORE

Spud

API: 30-025-33455





OGX Resources, LLC
Surface Use Plan of Re-Entry Operations

Turquoise "30" Federal SWD, Well #1
Re-entry 30 025 33455
1930' FNL & 1980' FWL
Section 30-T24S-R32E
Lea County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill or Re-enter, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. Existing Roads:

   Maps are attached as per re-survey by Gary Eidson onJuly 23, 2009. Initial surveys submitted by Santa Fe Energy Resources, Inc., 4-8-96. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.

   A. NMOCD Form C-102 shows well site as drilled.
   B. Well is located approx. 24 miles East of Loving, New Mexico, from the intersection of State highway #128 and County Road #786 (Buck Jackson Rd) go SW on CR #786 approx. 0.4 miles, turn left and go south approx. 2.9 miles, turn left and go east approx. 0.4 miles. This location is approx 125' north.

2. Planned Access Road: Existing road.

3. Location of Existing Wells

   Map attached shows all existing wells within a one-mile radius of this well.

3. Location of Existing and/or Proposed Facilities:

   A. Upon injection permitting facilities will be constructed in compliance with OCD and BLM ruling(s) covering injection facility. Plat will be submitted of facility.
   B. As a proposed gas well, we do not anticipate the need for electrical service.

4. Location and Type of Water Supply:
   For re-entry fresh water will be purchased from local commercial water supply.

5. Source of Construction Material:
   Any construction material needed will be obtained from the excavation onsite – minimal.

6. Methods of Handling Waste Disposal:

   A. As necessary fluids will be hauled to a state approved disposal facility such as CRI.
   B. All trash, junk and other waste material will be contained in trash cages or bins to prevent scattering. When the job is completed all contents will be removed and disposed of in and approved sanitary land fill.
   C. Salts remaining after completion of well will be picked up by supplier including broken sacks.
   D. No Porta-John will be needed for the re-entry of the well.
   E. Fluids will be contained in steel pits in a closed circulating system.

7. Ancillary Facilities:
   No camps or airstrips to be constructed.

8. Plans for Restoration:

   A. Rehabilitation of the location will start in a timely manner after all re-entry operations cease.
   B. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

9. Other Information:

   C. There are no dwellings within 1.5 miles of this location.

10. Operator's Representative:

D. Through A.P.D. Approval:

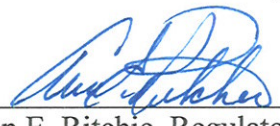
Gary Lang, Land Supervisor
OGX Resources, LLC
Box 2064, Midland, TX 79702
(432) 685-1287

B. Through Re-entry Operations

Jeff Birkelbach, Engineer
OGX Resources, LLC
Box 2064, Midland, TX 79702
(432) 685-1287/cell: 432-553-0391

11. Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route herein, that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.



Ann E. Ritchie, Regulatory Agent
OGX Resources, LLC
P.O. Box 2064
Midland, TX 79702
(432) 684-6381; ann.wtor@gmail.com

Executed on this ___12___ day of _____August_____, 2009__.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance ____X____Disposal _____Storage
Application qualifies for administrative approval? ____X____Yes _____No

II. OPERATOR: OGX Resources, LLC (Ogrid 217955)

ADDRESS: c/o P.O. Box 953, Midland, TX 79702

CONTACT PARTY: Ann Ritchie, Regulatory Agent PHONE: 432 684-6381

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____Yes _____X____No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Ann Ritchie TITLE: Regulatory Agent

SIGNATURE: DATE: 8-3-09

E-MAIL ADDRESS: ann.wtor@gmail.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: Updated filing requested by OCD.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Side 1

INJECTION WELL DATA SHEET

OPERATOR: OGX Resources, LLC

WELL NAME & NUMBER: Turquoise 30 Federal, Well #1

WELL LOCATION: 660' FNL & 1980' FWL (1930) C 30 (25) 26S (24S) 29E (32E)

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC

Current and Proposed Attached.

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8"

Cemented with: 600 sx. *or* _____ circulated _____ ft^3

Top of Cement: circulated to surface Method Determined: circulated to pit.

Intermediate Casing

Hole Size: 11" Casing Size: 8 5/8"

Cemented with: 1200 sx. *or* _____ ft^3

Top of Cement: circulated to surface Method Determined: circulated to pit

Production Casing/Liner

Hole Size: 7 7/8" Casing Size: 5 1/2"

Cemented with: 800 sx sx. *or* _____ ft^3

Top of Cement: 4050' Method Determined: Santa Fe Energy completion filing

Total Depth: Initial: 8754', well P&A 6-18-02

Injection Interval

From: 4700' to 5975'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: _2 3/8" _____Lining Material: _____plastic coated_____

Type of Packer: _____Baker AD-1 Tension Packer_____

Packer Setting Depth: _4670'_____

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____Yes___X__No

   If no, for what purpose was the well originally drilled? _Santa Fe Energy Resources, Inc. drilled well in July 1996. Devon SFS Operating plugged the well in June 2002._____

2. Name of the Injection Formation: ___Delaware_____

3. Name of Field or Pool (if applicable): _Wildcat Delaware_____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

   8244-8264', CIBP @ 8200' w/35' cement on top; 7254-7278'plugged off well P&A June 2002.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____Delaware non-productive in area @ approx 4800'_____

   _____

   _____

   _____