

12-22-09

12-22-09

PTGW

0935629305

DATE IN <u>8-24</u>	SUSPENSE	ENGINEER <u>Jones</u>	LOGGED IN <u>8-29</u>	TYPE <u>SWD</u>	PTGW APP NO. <u>0423657290</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

1205

TURQUERSE "30" Fed #1

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



RECEIVED

2009 AUG 24 PM 1:39 217955

### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

30-025-33455

Lea Co

BLM

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Pool Brushy Draw CC 8060

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

[D] Other: Specify \_\_\_\_\_

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply  
 [A]  Working, Royalty or Overriding Royalty Interest Owners

[B]  Offset Operators, Leaseholders or Surface Owner

[C]  Application is One Which Requires Published Legal Notice

[D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E]  For all of the above, Proof of Notification or Publication is Attached, and/or,

[F]  Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ann Ritchie  
Print or Type Name

*[Signature]*  
Signature

Regulatory Agent  
Title

8-17-09  
Date

\_\_\_\_\_  
e-mail Address

August 7, 2009

Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attn: Mr. Mark E. Fesmire, Director

RE: Form C-108, OGX Resources, LLC, Turquoise 30 Fed SWD, Well #1,  
(F), Sec 30, T24S, R32E, Lea County, New Mexico

Dear Mr. Fesmire,

Enclosed please find a Division Form C-108 (Application for Authorization to Inject) for the OGX Resources, LLC, Turquoise 30 Fed SWD, Well #1, Lea County, New Mexico. This well was originally drilled by Santa Fe Energy Resources, Inc. in June 1996, and subsequently plugged by Devon SFS Operating, Inc. in June, 2002.

The well was drilled to test the Brushy Canyon members of the Delaware at approximately 7250' and 8250'. The well was non-productive in the lower Brushy Canyon from 8244-8264' and produced in the interval from 7254-7278' until it proved uneconomical and was plugged.

OGX Resources, LLC has acquired this wellbore, and proposes to utilize the well for disposal of produced water from the Bone Spring and Morrow formations originating from OGX Resources, LLC owned wells in this area. Injection is proposed to occur into the Bell and Cherry Canyon members of the Delaware formation through the perforated interval from 4700-5975'. There are currently no wells in Section 30 that produce from the Delaware interval. The closest producing well is the Resaca Operating Co, API 30 015 29551 in Section 25H, T24S, R31E, Eddy County, producing from the Bone Spring – Cotton Draw, Southeast pool. The well produced 17 bbls oil and 1 mcf gas for the month of February 2009. Utilization of this plugged well for injection will prevent the drilling of unnecessary wells and will not cause waste.

Please let me know if you need any further information or documentation concerning this application. Thank you.

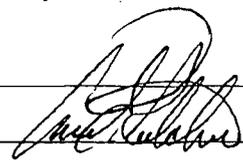
Yours truly,



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

cc: OCD/Hobbs; offsets; surface owner-BLM

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance  Disposal Storage  
Application qualifies for administrative approval?  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  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:
- Proposed average and maximum daily rate and volume of fluids to be injected;
  - Whether the system is open or closed;
  - Proposed average and maximum injection pressure;
  - Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  - 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. \_\_\_\_\_

### 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.**

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**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.**

INJECTION WELL DATA SHEET

OPERATOR: OGX Resources, LLC

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

WELL LOCATION: 1930' FNL & 1980' FWL

F UNIT LETTER      30 SECTION      24-S TOWNSHIP      32-E RANGE  
FOOTAGE LOCATION

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA  
Surface Casing

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

Cemented with: 600 sx.      *or* circulated ft<sup>3</sup>

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<sup>3</sup>

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 ft<sup>3</sup>

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'

*Current and  
Proposed  
Attached.*

(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  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'

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-92189
2. Name of Operator Devon SFS Operating, Inc.		6. If Indian, Allottee or Tribe Name NA
3a. Address 20 N. Broadway, Suite 1500, Okla City, OK 73102	3b. Phone No. (include area code) (405)552-4528	7. If Unit or CA/Agreement, Name and/or No. NA
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		8. Well Name and No. Turquoise "30" Federal #1
		9. API Well No. 30-025-33455
		10. Field and Pool, or Exploratory Area East Cotton Draw Field
		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				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

Permanently Plugged And Abandoned As Follows:

Approved is to plug and abandon  
Liability under bond is retained until  
surface restoration is completed.

- 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 III 2 2002  
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. GARY GOURLEY  
Spot balanced cement plug 562'- 677' (surface casing shoe at 622') with 30 sxs. WOC. Tag plug. GARY GOURLEY  
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.

**APPROVED**

2 2002

GARY GOURLEY  
SUPERVISOR

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Charles H. Carleton	Title Senior Engineering Technician
Signature <i>Charles H. Carleton</i>	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	

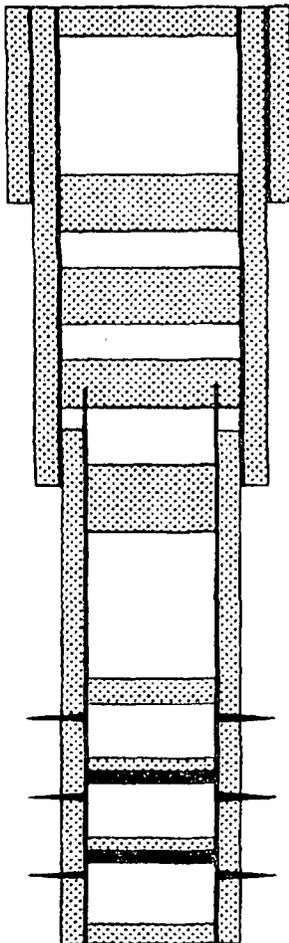
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

GWW

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURQUOISE "30" FEDERAL #1			FIELD: EAST COTTON DRAW			
LOCATION: 1930' FNL & 1980' FWL, SEC 30-T24S-R32E			COUNTY: LEA		STATE: NM	
ELEVATION: GL=3534'; KB=3547'			SPUD DATE: 06/21/96		COMP DATE: 09/22/96	
API#: 30-025-33455		PREPARED BY: C.H. CARLETON			DATE: 06/27/02	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 622'	13 3/8"	48#	H-40	ST&C	17 1/2"
CASING:	0' - 4470'	8 5/8"	32#	J-55	ST&C	11"
CASING:	3317' - 8754'	5 1/2"	15.5#, 17#	J-55, K-55	LT&C	7 7/8"
TUBING:						
TUBING:						



CURRENT

PROPOSED

OPERATOR: DEVON SFS OPERATING, INC.

CEMENT PLUG: 0'-60' W/10 SXS

CEMENT PLUG: 562'-677' W/30 SXS

13 3/8" CASING @ 622' W/600 SXS. TOC @ SURFACE

CEMENT PLUG: 932'-1050'(TOP OF SALT @ 1000') W/30 SXS

CEMENT PLUG: 3198'-3385' W/60 SXS

CUT 5 1/2" CASING @ 3317'

CEMENT PLUG: 4410'-4570'(BASE OF SALT @ 4300') W/25 SXS

8 5/8" CASING @ 4470' W/1200 SXS. TOC @ SURFACE

NOTE: 9.5PPG MUD SPOTTED BETWEEN CEMENT PLUGS

CEMENT PLUG: 7042'-7200' W/25 SXS

BRUSHY CANYON PERFORATIONS: 7254'- 7278'(OA) - 25 HOLES

CIBP @ 8200' & CAPPED WITH 35' CEMENT

BRUSHY CANYON PERFORATIONS: 8244'- 8264'(OA) - 21 HOLES

CIBP @ 8570' & CAPPED WITH 20' CEMENT

AVALON PERFORATIONS: 8589'- 8599'(OA) - 21 HOLES

PBTD @ 8706'

5 1/2" CASING @ 8754' W/800 SXS. TOC @ 4050' (CBL)

TD @ 8754'

**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\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  **N.M. Oil Cons. Division**

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  **P.O. Box 1980**

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

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

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 total depth: \_\_\_\_\_

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT AGREEMENT NAME: \_\_\_\_\_

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

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

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**

12. COUNTY OR PARISH: **Lea**

13. STATE: **NM**

14. PERMIT NO.: \_\_\_\_\_ DATE ISSUED: \_\_\_\_\_

15. DATE SPUDDED: **6/21/96**

16. DATE T.D. REACHED: **7/9/96**

17. DATE COMPL. (Ready to prod.): **9/22/96**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.): **3534' GL**

19. ELEV. CASINGHEAD: \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD: **8754'**

21. PLUG, BACK T.D., MD & TVD: **8165'**

22. IF MULTIPLE COMPL., HOW MANY\*: **N/A**

23. INTERVALS DRILLED BY: \_\_\_\_\_ ROTARY TOOLS: **All** CABLE TOOLS: **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 CT 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. PERFORMANCE RECORD (Interval, size and number)

8244' - 8264' (plugged w/ CIBP @ 8200')	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
7254' - 7278'	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: **9/20/96**

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): **Pumping w/ 1-1/2" x 22' pump**

WELL STATUS (Producing or shut-in): **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

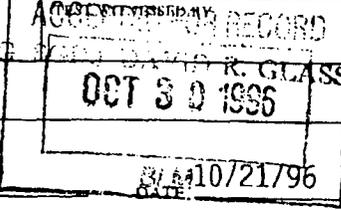
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
N/A	100#		66	44	185	37.9 deg

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

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

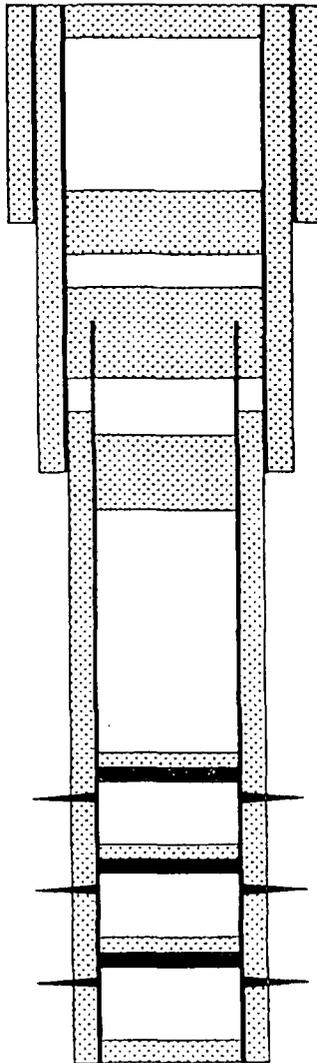
SIGNED: *[Signature]* TITLE: **Sr. Production Clerk**



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

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: TURQUOISE "30" FEDERAL #1			FIELD: EAST COTTON DRAW			
LOCATION: 1930' FNL & 1980' FWL, SEC 30-T24S-R32E			COUNTY: LEA		STATE: NM	
ELEVATION: GL=3534'; KB=3547'			SPUD DATE: 06/21/96		COMP DATE: 09/22/96	
API#: 30-025-33455		PREPARED BY: C.H. CARLETON			DATE: 04/26/02	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 622'	13 3/8"	48#	H-40	ST&C	17 1/2"
CASING:	0' - 4470'	8 5/8"	32#	J-55	ST&C	11"
CASING:	1050' - 8754'	5 1/2"	15.5#, 17#	J-55, K-55	LT&C	7 7/8"
TUBING:						
TUBING:						



CURRENT       PROPOSED

**OPERATOR: DEVON SFS OPERATING, INC.**

**CEMENT PLUG: 0'-50'**

**CEMENT PLUG: 570'-670'**

13 3/8" CASING @ 622' W/600 SXS. TOC @ SURFACE

**CEMENT PLUG: 950'-1100' (TOP OF SALT @ 1000')**

**CUT 5 1/2" CASING @ 1050'**

**CEMENT PLUG: 4370'-4570' (BASE OF SALT @ 4300')**

8 5/8" CASING @ 4470' W/1200 SXS. TOC @ SURFACE

**CIBP @ 7200' & CAPPED WITH 35' CEMENT**

BRUSHY CANYON PERFORATIONS: 7254'- 7278'(OA) - 25 HOLES

**CIBP @ 8200' & CAPPED WITH 35' CEMENT**

BRUSHY CANYON PERFORATIONS: 8244'- 8264'(OA) - 21 HOLES

**CIBP @ 8570' & CAPPED WITH 20' CEMENT**

AVALON PERFORATIONS: 8589'- 8599'(OA) - 21 HOLES

PBTD @ 8706'

5 1/2" CASING @ 8754' W/800 SXS. TOC @ 4050' (CBL)

TD @ 8754'

NOTE: FOR CALCULATED CEMENT TOPS A YIELD OF 1.32 CU FT/SX AND 50% FILLUP WERE ASSUMED.

DISTRICT I  
 P. O. Box 1980  
 Hobbs, NM 88241-1980

State of New Mexico  
 Energy, Minerals, and Natural Resources Department

Form C-102  
 Revised 02-10-94

Instructions on back

DISTRICT II  
 P. O. Drawer DD  
 Artesia, NM 88211-0719

**OIL CONSERVATION DIVISION**  
 P. O. Box 2088  
 Santa Fe, New Mexico 87504-2088

Submit to the Appropriate  
 District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

DISTRICT III  
 1000 Rio Brazos Rd.  
 Aztec, NM 87410

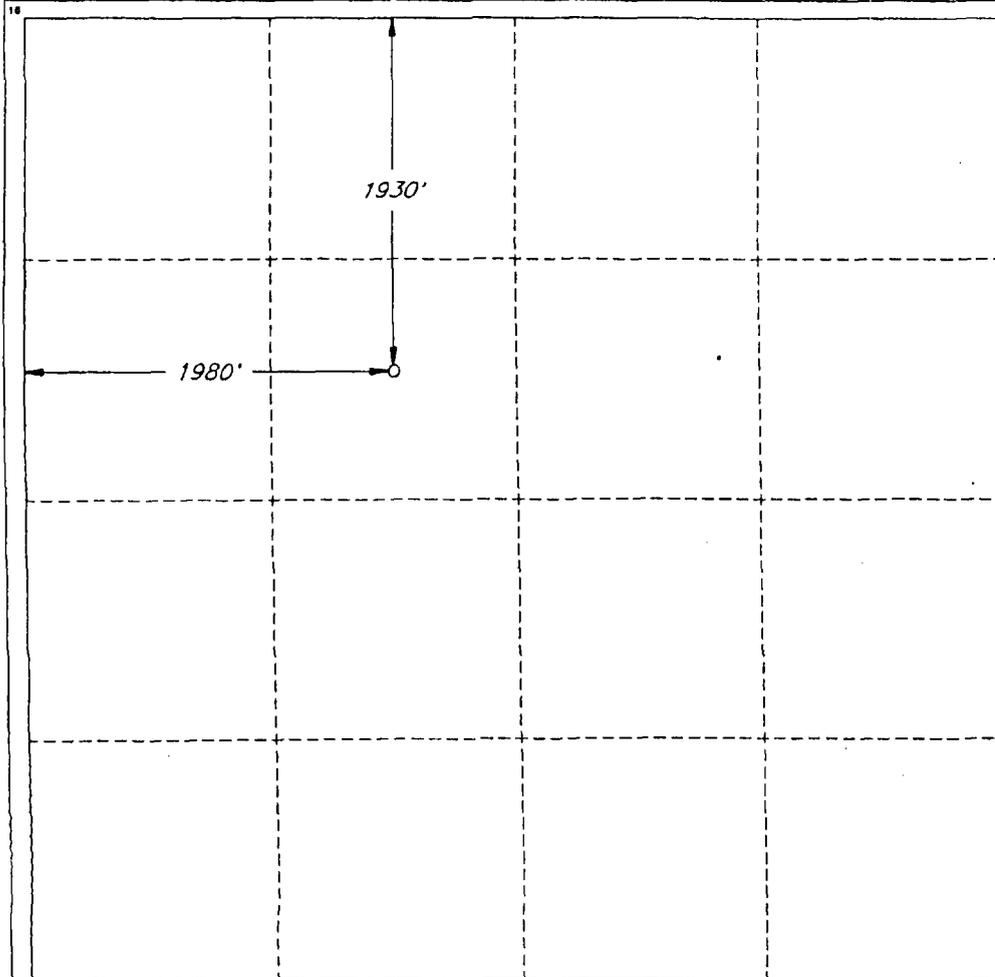
AMENDED REPORT

DISTRICT IV  
 P. O. Box 2088  
 Santa Fe, NM 87507-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-025-33455</b>		2 Pool Code ✓		3 Pool Name <i>Wildcat</i> Gotton Draw Delaware/Bone Spring					
4 Property Code <b>18933</b>		5 Property Name <b>TURQUOISE "30" FEDERAL</b>			6 Well Number <b>1</b>				
7 OGRID No. <b>203D5</b>		8 Operator Name <b>SANTA FE ENERGY RESOURCES, INC.</b>			9 Elevation <b>3534'</b>				
10 SURFACE LOCATION									
UL or lot no. <b>F</b>	Section <b>30</b>	Township <b>24 SOUTH</b>	Range <b>32 EAST, N.M.P.M.</b>	Lot Ida	Feet from the <b>1930'</b>	North/South line <b>NORTH</b>	Feet from the <b>1980'</b>	East/West line <b>WEST</b>	County <b>LEA</b>
11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres <b>40</b>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WELL 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 contained herein is true and complete to the best of my knowledge and belief.

Signature: *James P. "Phil" Stinson*  
 Printed Name: James P. "Phil" Stinson  
 Title: Agent for Santa Fe Energy  
 Date: 4-8-96

**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.

Date of Survey  
 MARCH 26, 1996

Signature and Seal of Professional Surveyor  
  
 Certificate No. V. LYNN BÉZNER, P.S. #7920  
 JOB #44655-2-48 SE / V.H.B.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

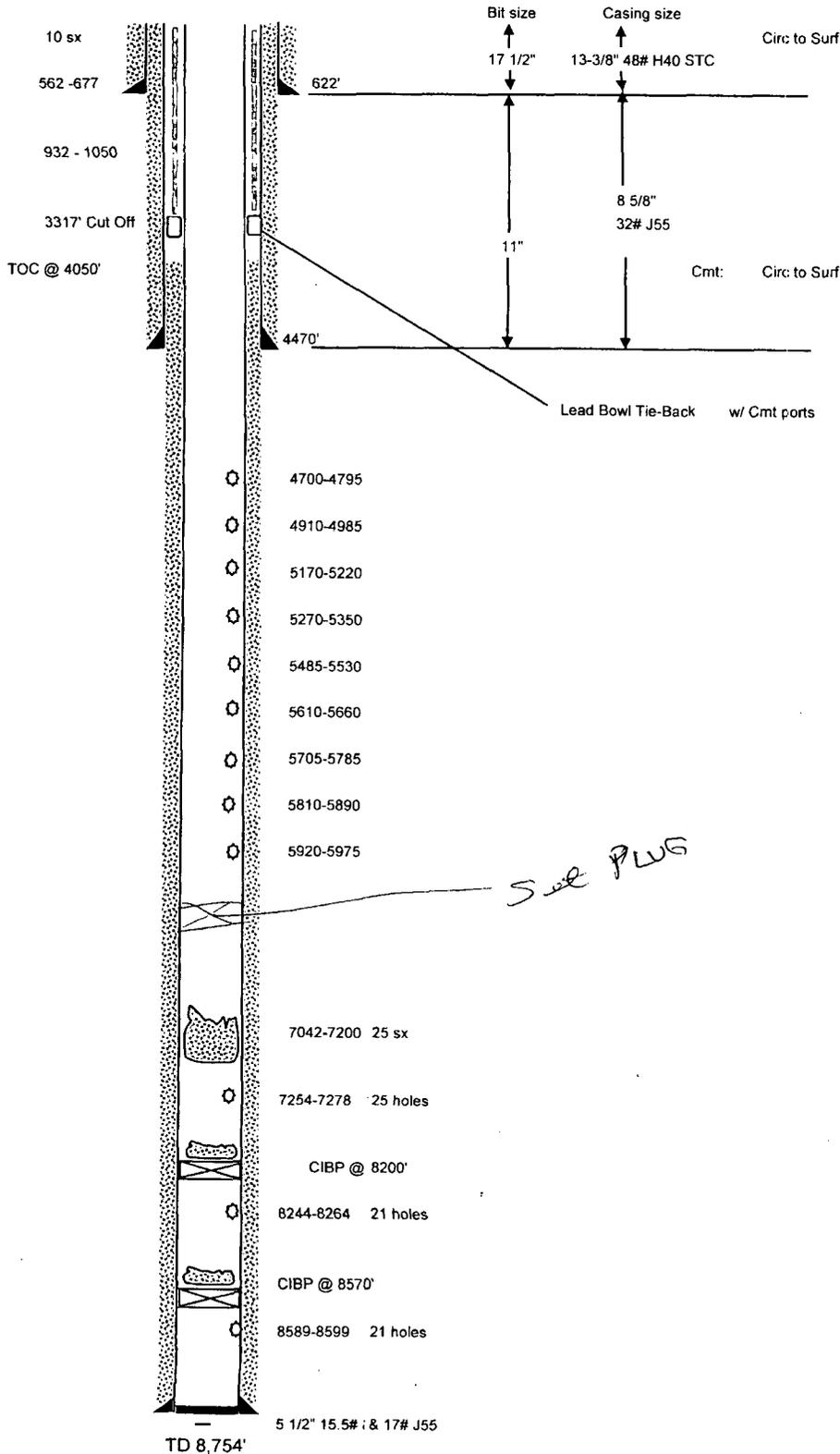
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	4551'			Delaware	4551'	
Bell Canyon	4588'		Sand and Shale, water bearing	Bone Spring	8498'	
Cherry Canyon	5560'		Sand and Shale, Water bearing			
Brushy Canyon	7195'		Sand and Shale, Oil sand			
Bone Spring	8498'					
Avalon Sand	8572'		Sand, Oil bearing			

Received  
 1992  
 10/10/92

PROPOSED WELLBORE

Spud

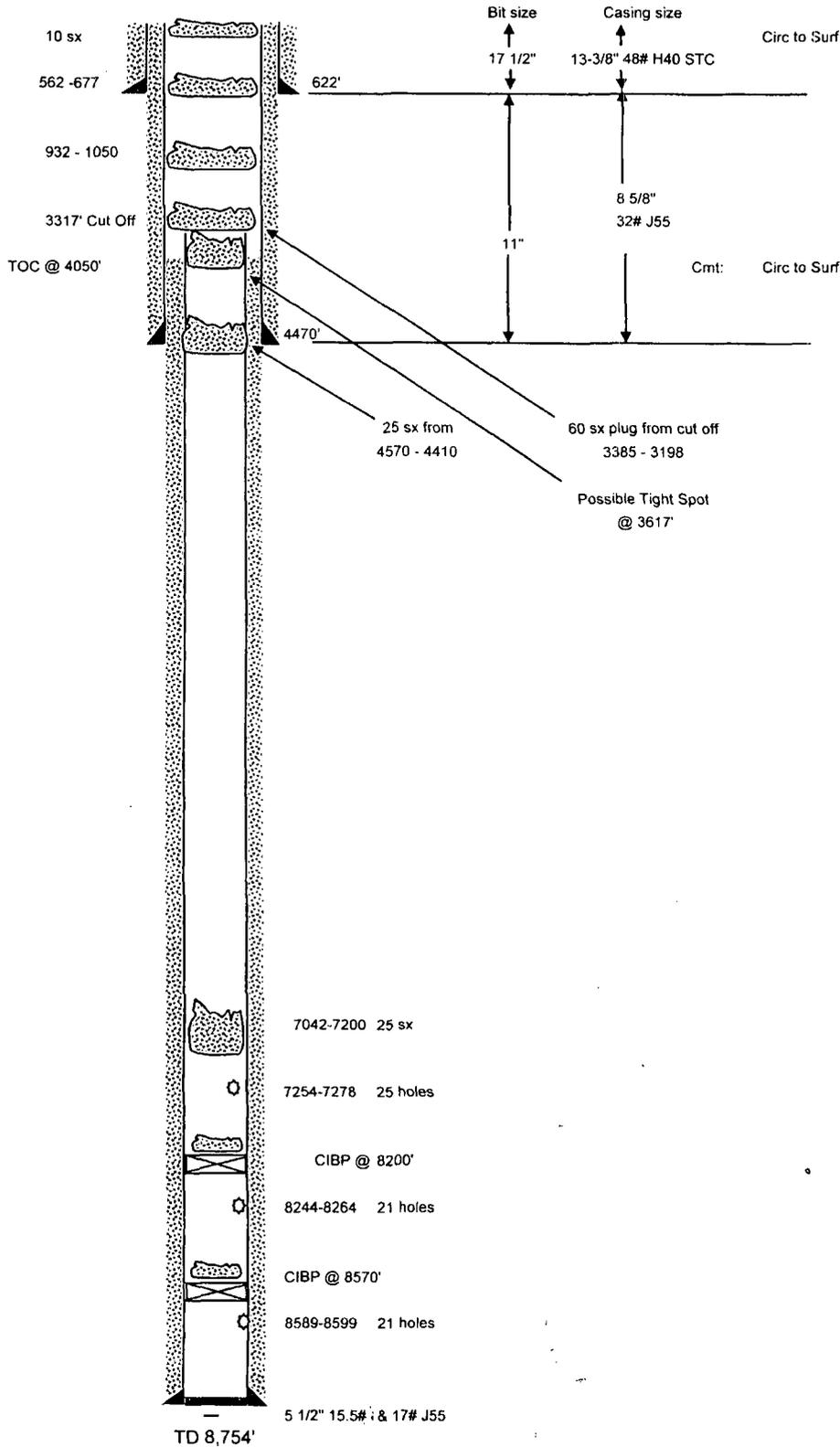
API: 30-025-33455



## CURRENT WELLBORE

Spud

API: 30-025-33455



[76090] DOUBLE X;MORROW, WEST (GAS) Status: Zone Permanently Plugged Last Produced:

Bottomhole Location: G-30-24S-32E 0 FNL 1980 FEL  
 Lat/Long: 0 0  
 Acreage:  
 DHC:

Consolidation Code:  
 Production Method:

**Test**

Hours: 00:00

Oil Volume: 0.0 bbls  
 Gas Volume: 0.0 mcf  
 Water Volume: 0.0 bbls

**Depths**

Measured Depth:

Plugback Md:

**Perforations**

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
------	---	---

**Notes**

**Event Dates**

Initial Effective/Approval: 1/1/1900  
 Most Recent Approval: 1/1/1900  
 Test Allowable Approval:  
 Production Test:  
 TD Reached:  
 Deviation Report Received:  
 Directional Survey Received:  
 First Oil Production:  
 Ready to Produce: 1/1/1900  
 C-104 Approval: 1/1/1900  
 Plug Back:  
 Authorization Revoked Start: Not Implemented

Confidential Until:  
 Test Allowable End:  
 DHC:  
 Rig Released:  
 Logs Received:  
 Closure Pit Plat Received:  
 First Gas Production:  
 Completion Report Received:

Revoked Until: Not Impl

**Well Completion History**

Effective Date	Property	Operator	Completion Status	TA Expiration Date
1/1/1900	[30041] PRE-ONGARD WELL	[214263] PRE-ONGARD WELL OPERATOR	Zone Permanently Plugged	

**Financial Assurance**

**Compliance**

Note that Financial Assurance and Inactive Well Compliance are documented in separate reports ([Inactive Well Report](#), [Financial Assurance Rep](#))  
 Also note that some compliance issues are addressed at the operator level so not listed under each well.

**Complaints, Incidents and Spills**

No Incidents Found

Please note that incidents that impact ground water are recorded along with "facilities" which may not be wells, so although the initial report may be related to the abatement plans, remediation plans and ground water impact information are not yet part of this application.

**Orders**

No Orders Found

**Production / Injection**

[Show All](#)

Time Frame	Production				Injection				
	Oil(BBLS)	Gas (MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2 (MCF)	Gas (MCF)	Other	Pressure
Grand Total:	0	0	0	0	0	0	0	0	0

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

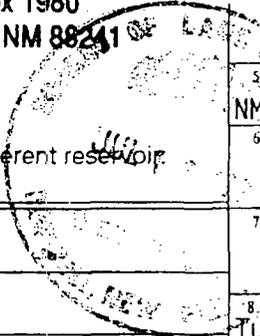
RECEIVED  
JUL 17 12 25 PM '96

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or entry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

BUREAU OF LAND MGMT  
SUBMISSION CERTIFICATE



1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>NM-92189</b>
2. Name of Operator <b>Santa Fe Energy Resources, Inc.</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>550 W. Texas, Suite 1330, Midland, TX 79701 915/687-3551</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>(F), 1930' FNL &amp; 1980' FWL, Sec. 30, T-24S, R-32E</b>	8. Well Name and No. <b>Turquoise "30" Federal #1</b>
	9. API Well No. <b>30-025-33455</b>
	10. Field and Pool, or exploratory Area <b>Wildcat Delaware/Bone Spring</b>
	11. County or Parish, State <b>Lea NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Ran casing string</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

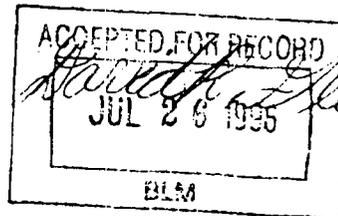
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

7/09/96: Depth 8750'. TD 7-7/8" hole at 12:08 p.m. MST. RU loggers.

7/10/96: Log & cut sidewall cores. RU and ran 203 jts 5-1/2" 15.5 & 17.0 J-55 & K-55 LT&C casing and set at 8754', FC @ 8706'. Cemented w/ 300 sx Howco Lite.

7/11/96: Finish cementing w/ 500 sx C1 "H" containing 6 pps Silica Lite. Plug down at 3:25 a.m. MST. ND stack. Set slips w/ 135,000#. Cut casing off and NU tubing head. Jet and clean pits. Released rig at 10:00 a.m. MST. Waiting on completion unit.



14. I hereby certify that the foregoing is true and correct

Signed *Terry Mc Cullough* Title Sr. Production Clerk Date 7/16/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

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.



## New Mexico Office of the State Engineer Wells with Well Log Information

No wells found.

~~Basin/County Search:~~

~~County Eddy~~

PLSS Search:

Section(s): 30

Township: 24S

Range: 32E

The data is furnished by the NIMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/5/09 1:52 PM



"Jeff Birkelbach"  
<jeff@ogxresources.com>  
09/22/2009 09:57 AM

To <christopher\_walls@nm.blm.gov>  
cc  
bcc  
Subject: Turquoise 30 Fed #1 SWD - Csg & Cmt

Mr. Walls:

As per our telecom today OGX will tie the production string back with 5 ½" 15.5# J55 casing and cement same with 650 sx Class "C" cement with a 1.28 yield. This is enough cement to circulate from 4050' to surface plus 15%.

Thank You

*Jeff Birkelbach*  
Engineering Manager  
OGX Resources LLC  
432-685-1287  
432-553-0391

OGX Resources, LLC

API	WELL NAME	OPERATOR	FIG NS	NS CD	FTG EW	EW CD	DIV U	Sec	Tsp	Rge	Dist	TVD DEPTH	W Status	WELL TYPE
3002533455	TURQUOISE 30 FEDERAL 001	DEVON SFS OPERATING INC	1930 N		1980 W	F		30 24S	32E	3,002,533,455	8754 P		O Plugged	
3002526234	PADUCA FEDERAL 001	FORTE ENERGY CORP	1980 N		1980 E	G		30 24S	32E	1,522	15531 P		G Plugged	
3001529551	BTBN 25 FEDERAL 002	SDG RESOURCES, L.P.	2300 N		330 E	H		25 24S	31E	2,339	10000 A		O Active	

**COPY TO O. C. O.**  
UNIT STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC  
(Other instructions o  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**NM-20975**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**Union Oil Company of California**

8. FARM OR LEASE NAME  
**Paduca Federal**

3. ADDRESS OF OPERATOR  
**P. O. Box 671 - Midland, Texas 79702**

9. WELL NO.

**1**

4. LOCATION OF WELL (Report location clearly and in accordance with a State or Federal law.  
See also space 17 below.)  
At surface

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

**1980' FNL and 1980' FEL**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

**Sec. 30, T-24-S, R-32-E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

**3525.5' GR.**

12. COUNTY OR PARISH

**Lea**

13. STATE

**New Mexico**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) **Set intermediate casing**

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 3-11-79 - W.O.C. 24 hours. Replaced 3000 psi B.O.P. with 5000 psi B.O.P. and tested. Tested 10-3/4" OD Casing to 2000 psi, held OK. Ran 9-1/2" bit, drilled from 4,602' to 12,834'.
- 4-10-79 - Ran 297 jts. and 1 piece (12,814') of 7-5/8" OD 29.7# S-95 & P-110 8rd LT&C new casing set at 12,834', DV Tool at 7,918'. First stage cemented with 825 sx cement. Second stage cemented with 1000 sx cement, job completed at 10:00 P.M. 4-10-79. W.O.C.

18. I hereby certify that the foregoing is true and correct

SIGNED J.R. Hughes TITLE District Drilling Superintendent DATE May 9, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**ACCEPTED FOR RECORD**  
MAY 14 1979  
U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

COPY TO U. S. G. S.  
SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-20975

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Paduca Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 30, T-24-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE  
New Mexico

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Union Oil Company of California

3. ADDRESS OF OPERATOR  
P. O. Box 671 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

1980' FNL and 1980' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3525.5' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Set production liner

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 4-11-79 - W.O.C. 24 hours. Ran temperature survey, indicated top of cement outside 7-5/8" OD casing at 4,400' from surface. Installed 10,000 psi B.O.P.'s
- 4-13-79 - Tested casing and blind rams to 7000 psi and choke manifold to 9000 psi, held OK. Ran 8-1/2" bit, drilled from 12,834' to 15,531', total depth. Reached total depth at 4:15 A.M. 6-9-79.
- 6-9-79 - Schlumberger ran electrical logs.
- 6-11-79 - Ran 73 jts. (2,921') of 5-1/2" OD 20# P-110 AB FL-45 new liner set at 15,531', tie-back sleeve at 12,622'. Cemented with 335 sk Class "H" cement. Job completed at 10:00 A.M. 6-11-79. W.O.C.
- 6-12-79 - Drilled out cement to top of 5-1/2" OD Liner at 12,622', tested liner to 2500 psi, held 1 hour OK.

RECEIVED

SEP 19 1979

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED J.R. Hughes J.R. Hughes

TITLE District Drilling Supt.

DATE Sept. 17, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED FOR RECORD  
SEP 19 1979  
U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

*DR*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
FORM APPROVED  
811 S. Budget Bureau No. 1004735  
Artesia Expires: March 31, 1993

*191*

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

5. Lease Designation and Serial No. 9: 29  
NM 89055

6. If Indian, Alottee or Tribe Name

7. If Unit or CA Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER

8. Well Name and Number  
BTBN '25' FEDERAL

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION INC.

2

3. Address and Telephone No. P.O. Box 2100, Denver Colorado 80201 (303)793-4851

9. API Well No.  
30-015-29551

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter H : 2300 Feet From The NORTH Line and 330 Feet From The

10. Field and Pool, Exploratory Area  
WILDCAT

EAST Line Section 25 Township 24-S Range 31-E

11. County or Parish, State  
EDDY NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- OTHER: SPUD, SURF, INTER, PROD CSG
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. NABORS RIG #723 SPUD 14.75 INCH HOLE @ 1:00 AM CDT 05-30-97. DRILLED TD TO 965' @ 10:15 AM CDT 05-31-97.
2. RAN 22 JOINTS OF 11 3/4 INCH, 42#, WC-40, STC CASING SET @ 965'. RAN 7 CENTRALIZERS.
3. DOWELL CEMENTED WITH 600 SACKS CLASS C W/ 2% CACL (14.8 PPG, 1.34 CF/S). PLUG DOWN @ 7:30 PM 05-31-97. CIRCULATED 255 SACKS.
4. NU BOP & TESTED TO 3000#. TESTED CASING TO 1000# FOR 30 MINUTES FROM 12:15 PM TO 12:45 PM 06-01-97.
5. WOC TIME 16 HOURS AND 3/4 MINUTES FROM 7:30 PM 05-31-97 TO 12:45 PM 06-01-97.
6. DRILLING 11 INCH HOLE.
7. DRILLED 11 INCH HOLE TO 4500'. TD @ 7:30 AM 06-07-97.
8. RAN 107 JOINTS OF 8 5/8 INCH, 32# J-55, STC CASING SET @ 4500'.
9. DOWELL CEMENTED W/ 900 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.4 PPG, 2.14 CF/S). F/B 150 SACKS CLASS NEAT (15.6 PPG, 1.18 CF/S). PLUG DOWN @ 11:30 PM 06-07-97. CIRCULATED 26 SACKS.
10. NU BOP AND TESTED TO 1500#. TESTED CASING TO 1500# FOR 30 MINUTES FROM 1:30 AM TO 2:00 AM 06-09-97.
11. WOC TIME 26 HOURS FROM 11:30 PM 06-07-97 TO 1:30 AM 06-09-97.
12. DRILLING 7 7/8 INCH HOLE. DRILLED 7 7/8 INCH HOLE TO 6009'. TD @ 7:45 PM 03-12-97.
13. HLS RAN GR-DLL-MSFL-SONIC AND GR-DSN-SDL-SGR-CAL FROM 6320' TO 4380'. PULLED GR-DSN TO SURFACE.
14. RAN 229 JOINTS OF 5 1/2 INCH, 17#-L-80 AND WC-50, LTC CASING SET @ 10000'. DV TOOL @ 5298'.
15. DOWELL CEMENTED: 1ST STAGE - 1230 SACKS 50/50 POZ CLASS H W/ 2% GEL, 5% SALT, 1/4# FLOCELE (14.2 PPG, 1.35 CF/S). LOST RETURNS W/ 165 BBLs SLURRY OUT. DROPPED BOMB & OPENED DV TOOL W/ 650 PSI. CIRC W/ FULL RETURNS. 2ND STAGE - 705 SACKS 35/65 POZ CLASS H W/ 6% GEL, 5% SALT, 1/4# FLOCELE (12.8 PPG, 1.94 CF/S). F/B 101 SACKS CLASS H NEAT (15.6 PPG, 1.18 CF/S). LOST COMPLETE RETURNS. REGAINED RETURNS FOR LAST 25 BBLs DISP. PLUG DOWN @ 8:30 AM 06-25-97.
16. ND. RELEASE RIG @ 9:00 PM 06-25-97. PREP TO COMPLETE.

14. I hereby certify that the foregoing is true and correct

SIGNATURE C. P. Baham/SRH TITLE Eng. Assistant  
TYPE OR PRINT NAME Sheilla D. Reed-High

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE \_\_\_\_\_

ACCEPTED FOR RECORD  
JUL 9 7 1997

DATE 6/30/97

DATE

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER

2. Name of Operator: TEXACO EXPLORATION & PRODUCTION INC.

3. Address and Telephone No. P.O. Box 3109, Midland Texas 79702 688-4606

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter H : 2300 Feet From The NORTH Line and 330 Feet From The

EAST Line Section 25 Township 24-S Range 31-E

5. Lease Designation and Serial No. NM 89055

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number BTBN '25' FEDERAL

9. API Well No. 30-015-29551

10. Field and Pool, Exploratory Area WILDCAT

11. County or Parish, State EDDY, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

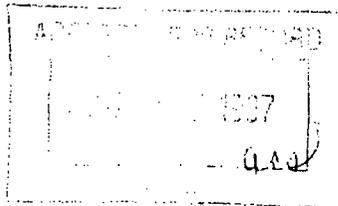
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- OTHER: COMPLETION
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. RU DOWELL AND DISPLACE W/2% KCL FRESH WATER. PULL UP TO 8328' AND SPOT 200 GALS 7-1/2% HCL ACROSS PERF INTERVAL. TOH W/ TBG. 07-02-97.
2. RU SCHLUMBERGER. RAN GR-CCL LOG 7500'-8450'. PERF LOWER BRUSHY CANYON W/4 JSPF AS FOLLOWS: 8208'-8234'(26') W/ 104 HOLES. 8266'-8292' (26') W/104 HOLES. 8322'-8328' (6') W/24 HOLES. 07-03-97.
3. RU DOWELL. TEST LINES TO 5000 PSI. ACIDIZED THE LOWER BRUSHY CANYON PERFS W/4000 GALS 7-1/2% HCL NEFE ACID. FRAC'D WELL W/36,000 GALS 35# BORATE CROSSLINKED GEL AND 124,000# 20/40 PR/SLC SAND DOWN CSG. 07-05-97.
4. TIH W/ RODS, K-BARS, 2-1/2" X 1.5" X 20' PUMP, ANCHOR. PUMP SEATED @ 8356'. 07-11-97.
5. PUMPED 56 BO, 220 BW. 75 MCF IN 24 HOURS. 07-22-97.



RECEIVED  
1997 AUG -4 A 10:28  
BUREAU OF LAND MGMT.  
ROSWELL OFFICE

14. I hereby certify that the foregoing is true and correct.

SIGNATURE C.P. Basham TITLE Eng. Assistant

DATE 7/25/97

TYPE OR PRINT NAME SHEILLA D. REED-HIGH

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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.

*APR*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division  
415 1st St  
Albuquerque, NM 87102-2834

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

*clsf*

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER

2. Name of Operator: TEXACO EXPLORATION & PRODUCTION INC.

3. Address and Telephone No.: P.O. Box 2100, Denver Colorado 80201 (303)793-4851

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter H : 2300 Feet From The NORTH Line and 330 Feet From The  
EAST Line Section 25 Township 24-S Range 31-E

5. Lease Designation and Serial No. NM 89055

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number BTBN '25' FEDERAL  
2

9. API Well No. 30-015-29551

10. Field and Pool, Exploratory Area WILDCAT

11. County or Parish, State EDDY, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> OTHER: <u>COMPLETION</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- RU DAWSON WELL SERVICE. PULL RODS AND PUMP. 01-07-98. TOOH W/ TBG. RU SCHLUMBERGER. RUN COLATION LOG FROM 8200'-7000'. SET CIBP @ 8150'. DUMP 20' OF CEMENT ON TOP OF PLUG. TEST PLUG TO 3000#. PERF'D 7476'-7486', 7457'-7470', 7602'-7610', 7844'-7856' W/ 4 JSPF. 01-08-98.
- RAN ANCHOR, 2.5" X 1.750" X 24' PUMP, K-BARS, RODS. 01-14-98.
- MOVE IN RU DAWSON PRODUCTION SERVICES. TOOH W/RODS AND PUMP. 02-15-98.
- RU SCHLUMBERBER. SET CIBP @ 7405', DUMP 35' OF CEMENT ON TOP OF PLUG. TEST PLUG. TEST PLUG TO 3000#. RUN CBL FROM 7300' TO 5300'. PERF'D 7174' - 7200' W/ 2 JSPF. 02-16-98.
- RU DOWELL. PUMPED 2200 GALS 7.5% NEFE ACID. 02-18-98.
- DOWELL FRAC'D WELL, PUMPED 8000 GALS DSYF 130 @ 15 BPM. PUMPED 2000 GALS DSYF 130 W/ 2PPG 20/40 PRECURED SAND. PUMPED 4000 GALS DSYF 130 W/ 4PPG 20/40 PRECURED SAND. PUMPED 4000 GALS DSYF 130 W/ 6PPG 20/40 PRECURED SAND. PUMPED 4000 GALS DSYF 130 W/ 8PPG 20/40 PRECURED SAND. PUMPED 1700 GALS DSYF 130 FLUSH. ISDP 348#, 5 MIN 310#, 15 MIN 261#.
- RAN GAS ANCHOR, 2.5" X 1.75" X 24' PUMP WITH ON AND OFF TOOL, K-BARS, RODS. 02-26-98.
- OPT: PUMPED 65 BO, 329 BW, 44 MCF. FLUID LEVEL @ 3356' ABOVE PUMP OR 3834' FROM SURFACE. 03-06-98.

ACCEPTED FOR RECORD  
(OARG SGA) DAVID H. OLARS  
MAR 24 1998

14. I hereby certify that the foregoing is true and correct.

SIGNATURE C. P. Boham/SRI TITLE Eng. Assistant DATE 3/19/98

TYPE OR PRINT NAME Sheilla D. Reed-High

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 21 2009  
OCD-HOBBS

FORM APPROVED  
OMB No. 1004-0127  
Expires July 31, 2010

RM

**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.*

5. Lease Serial No. *NM 89055*  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well  
 Oil Well     Gas Well     Other

8. Well Name and No. *BTCN 125' Federal 2*

2. Name of Operator *Resaca Operating Company*

9. API Well No. *30-015-29551*

3a. Address *1331 Larnier Street, Suite 1450 Houston, TX 77010*

3b. Phone No. (include area code) *(713) 650-1246*

10. Field and Pool or Exploratory Area *Cotton Draw, Lower Brastay Canyon*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) *Sec. 25, T-24S, R-31E, Lea County, New Mexico*

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <i>Change Operator</i>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 and 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

*Request Change of Operator from Torch Energy Services, Inc. to Resaca Operating Company effective January 1, 2009.*

**RECEIVED**

MAY 14 2009

HOBBSOCD

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

*Melanie Reyes*

Title *Engineer Assistant*

Signature *[Signature]*

Date *4/17/09*



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 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.

(Instructions on page 2)

*[Handwritten initials]*

AOR

# Wellbore Diagram for NM wells

(2339 Feet away)

Operator/lease/well: Resaca Operating, BTB 25 Fed #2  
 FIELD NAME: Cotton Draw; Lwr Brushy Canyon  
 LOCATION: 2300 FL & 330 FEL, Sec 25, T24S, R331E

Eddy County, NM  
~~30 015 2986~~

K.B. ELEV. \_\_\_\_\_  
 GROUND LEVEL: 3524'

Brushy Canyon  
7165'

29551

COMPLETION

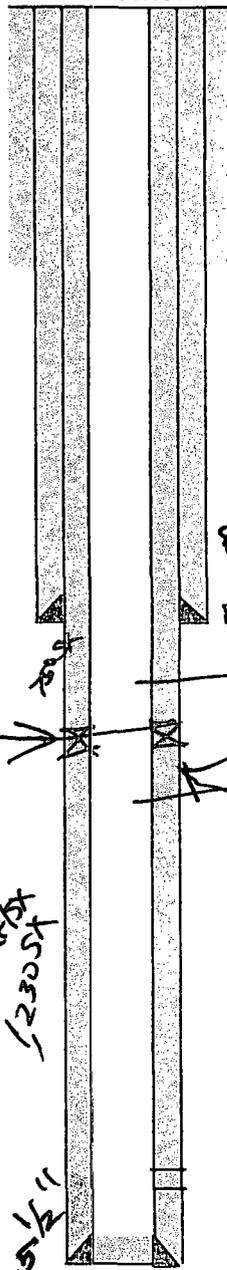
7 Centralizers		Surface Casing	
SIZE	<u>11 3/4"</u>	WEIGHT	<u>42#</u>
GRADE	<u>WC40 STC</u>	SX. CMT.	<u>600 sx</u>
		DEPTH	<u>950'</u>
		TOC @	<u>surface</u>
Intermediate Casing			
SIZE:	<u>8 5/8"</u>	Weight	<u>32#</u>
GRADE	<u>J55</u>	SX. CMT.	<u>1050 sx</u>
		Depth:	<u>4500'</u>
		TOC @	<u>surface</u>

### WELL HISTORY

COMPLETION DATE: 7/3/1997

07/07 Potential Test: 56 oil/ 75 gas/220 water

**Production Casing**  
 Size: 5 1/2"      17# L80, WC50, LTC      Depth: 10,000'  
 Cement: 2050 sx      DV tool @ 5298'  
 Circulated to surface



### TUBING DETAIL

9 5/8" tubing  
 pumping 2 3/8" above perfs

4500'  
4700'

5298'  
 CMT TO P = ? Calc  
 OK

below DV Tool

1350' ST  
1230' ST

5 1/2"

Brushy Canyon Perforations  
8208-8328'

PBTD: 9715'  
 TD@ 10,000'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

*AOR*

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

*NM-20975*

6. If Indian, Allottee or Tribe Name

If Unit or C.A. Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

*FORTE ENERGY CORPORATION*

3. Address and Telephone No.

*15840 FM 529, SUITE 200 HOUSTON, TX 77075 (713) 550-5288*

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

*1980' FNL : 1980' FEL Unit G*

*SECTION 30 TOWNSHIP 24 S RANGE 32 E*

8. Well Name and No.

*PADUCA FEDERAL #1*

9. API Well No.

*3002526234*

10. Field and Pool, or Exploratory Area

*W. DOUBLE X MORELOW*

11. County or Parish, State

*LEA COUNTY, N.M.*

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

*OPEN PERFORATIONS: 14817' TO 15007'*

*1) SET CIBP @ 14750'. Dump 4 SXS. CMT ON TOP w/ WIRELINE CLASS "H" EGG  
CIRCULATE HOLE w/ 10# MUD LADDED FLUID.*

*DV @ 7918  
758" - 9 1/2"  
Hole*

*2) 50 SXS. CMT @ 12675' (TOP OF 5 1/2" LINER @ 12622) + TAG*

*3) 50 SXS. CMT @ 4700' : TAG*

*4) 50 SXS. CMT @ 775' : TAG*

*5) 10 SXS @ SURFACE. INSTALL DRY HOLE MARKER.*

*6) RESTORE LOCATION.*

*825 SX + 1000  
4  
2  
NO VOP  
APR 22 1991  
CARTL AREA  
APR 22 1991  
4:22 PM '91*

*ESTIMATED DAY OF STARTING WORK: 5-15-91*

14. I hereby certify that the foregoing is true and correct

Signed *David A. Ehl* Title *VICE PRESIDENT*

Date *4-28-91*

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

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.

\*See Instruction on Reverse Side

*TOPS OK*

*4400 T.C. T.S.*



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

No records found.

**Basin/County Search:**

County: Eddy

**PLSS Search:**

Section(s): 30

Township: 24S

Range: 32E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5222 1926 9261 1000 0222 9002

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

HOUSTON TX 77010  
**OFFICIAL USE**

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$5.54</b>

0702 SdSN  
 MIDLAND TX  
 AUG 20 2009  
 Postmark Here  
 08/20/2009

Sent To: *Resaca Exploitation LP*  
 Street, Apt. No., or PO Box No.: *1211 Lamar, Ste. 1175*  
 City, State, ZIP+4: *Houston, TX 77010*

PS Form 3800, August 2006 See Reverse for Instructions

5222 1926 9261 1000 0222 9002

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

OKLAHOMA CITY OK 73102  
**OFFICIAL USE**

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$5.54</b>

0702 SdSN  
 MIDLAND TX  
 AUG 20 2009  
 Postmark Here  
 08/20/2009

Sent To: *Devon Energy Prod. Co., LP*  
 Street, Apt. No., or PO Box No.: *20 North Broadway, Ste. 1500*  
 City, State, ZIP+4: *Oklahoma City, OK 73102*

PS Form 3800, August 2006 See Reverse for Instructions

5222 1926 9261 1000 0222 9002

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

ARTESIA NM 88210  
**OFFICIAL USE**

Postage	\$	\$0.44
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$5.54</b>

0702 SdSN  
 MIDLAND TX  
 AUG 20 2009  
 Postmark Here  
 08/20/2009

Sent To: *Gates Petroleum Corp.*  
 Street, Apt. No., or PO Box No.: *105 S. 4th St.*  
 City, State, ZIP+4: *Artesia, NM 88210*

PS Form 3800, August 2006 See Reverse for Instructions

5222 1926 9261 1000 0222 9002

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

FORT WORTH TX 76102  
**OFFICIAL USE**

Postage	\$	\$0.61
Certified Fee		\$2.80
Return Receipt Fee (Endorsement Required)		\$2.30
Restricted Delivery Fee (Endorsement Required)		\$0.00
<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$5.71</b>

0702 SdSN  
 MIDLAND TX  
 AUG 20 2009  
 Postmark Here  
 08/20/2009

Sent To: *FTO Energy Prod. Co., LP*  
 Street, Apt. No., or PO Box No.: *810 Houston St.*  
 City, State, ZIP+4: *Fort Worth, TX 76102*

PS Form 3800, August 2006 See Reverse for Instructions

OGX Resources, LLC 217955  
Offset Owners to Turquoise 30 Fed #1

**Eddy County, New Mexico**

**T-24-S, R-31-E**

Section	24 SESE	Yates Petroleum Corp. 105 S. 4th St. Artesia, NM 88210 ✓	Operator and 25% owner (Rest are Yates partners)
Section	25 NE/4	Resaca Exploitation LP 1211 Lamar #1175 ✓ Houston, Texas 77010	Operator and 50% owner
		Devon Energy Prod. Co. LP 20 N. Broadway, #1500 ✓ Oklahoma City, OK 73102	50% owner
Section	25 S/2	Devon Energy Prod. Co. LP 20 N. Broadway, #1500 Oklahoma City, OK 73102	50% owner
		XTO Energy Prod. Co. LP 810 Houston St. ✓ Ft. Worth, TX 76102	50% owner

**Lea County, New Mexico**

**T-24-S, R-32-E**

Section	19 All	Yates Petroleum Corp. 105 S. 4th St. Artesia, NM 88210	Operator and 25% owner (Rest are Yates partners)
Section	30 All	OGX Resources	100%

# Affidavit of Publication

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN  
PUBLISHER

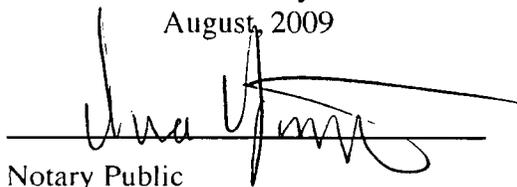
of the Hobbs News-Sun, a  
newspaper published at Hobbs, New  
Mexico, do solemnly swear that the  
clipping attached hereto was  
published in the regular and entire  
issue of said newspaper, and not a  
supplement thereof for a period

of 1 issue(s).  
Beginning with the issue dated  
August 12, 2009  
and ending with the issue dated  
August 12, 2009

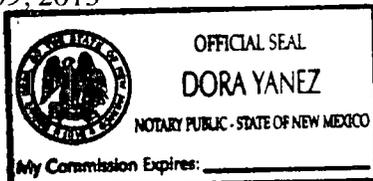


PUBLISHER

Sworn and subscribed to before me  
this 13th day of  
August, 2009

  
Notary Public

My commission expires  
February 09, 2013  
(Seal)



This newspaper is duly qualified to  
publish legal notices or  
advertisements within the meaning of  
Section 3, Chapter 167, Laws of  
1937 and payment of fees for said  
publication has been made.

LEGAL NOTICE  
AUGUST 12, 2009

## NOTICE OF INJECTION APPLICATION

OGX Resources, LLC, c/o P.O. Box 953, Midland, TX 79702 will file the New Mexico Oil Conservation Division Form C-108, Application for Authorization to Inject, with the NMOCD seeking administrative injection approval for the Turquoise 30 Federal, Well #1, located 1980' FNL & 1980' FWL of Sec 30, T24S, R32E, Lea County, NM, API number 30 025 33455. The proposed injection interval is from 4700-5975' into the Delaware formation. The proposed maximum surface pressure is 1175 psi., with a maximum injection rate of 2000 bbls water per day. The injection water will be sourced from the Morrow & Bone Spring formation at approximately 9000' from OGX Resources, LLC area wells.

All interested parties opposing the application must file objection with the New Mexico Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days of this notice. Additional information can be obtained by contacting Ann Ritchie, Regulatory Agent, OGX Resources, LLC, c/o P.O. Box 953, Midland, TX 79702, (432) 684-6381.  
#25148

67105122                      00036680  
ANNE RITCHIE  
OGX RESOURCES  
P.O. BOX 953  
MIDLAND, TX 79702



P.O. BOX 98  
MIDLAND, TX. 79702  
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA  
MIDLAND, TEXAS 79701  
FAX (432) 682-8819

RESULT OF WATER ANALYSES

TO: Mr. Jeff Birkenbach  
PO Box 2064, Midland, TX 79702

LABORATORY NO. 809-9  
SAMPLE RECEIVED 7-29-09  
RESULTS REPORTED 8-3-09

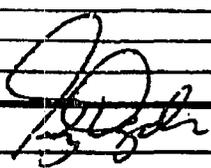
COMPANY OGX Resources LEASE Higgins  
FIELD OR POOL Loving, South  
SECTION      BLOCK      SURVEY      COUNTY Eddy STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:  
NO. 1 Submitted water sample - taken 7-29-09.  
NO. 2       
NO. 3       
NO. 4     

REMARKS: Commingled Bone Springs and Delaware

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1770			
pH When Sampled				
pH When Received	5.72			
Bicarbonates as HCO <sub>3</sub>	378			
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	77.000			
Calcium as Ca	24.000			
Magnesium as Mg	4.131			
Sodium and/or Potassium	88.253			
Sulfate as SO <sub>4</sub>	239			
Chloride as Cl	190.280			
Iron as Fe	157			
Barium as Ba	0			
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	307.282			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	0.0			
Resistivity, ohm-cm at 77° F.	0.045			
Suspended Oil				
Filterable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter  
Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

By 

From: <dnorman@wildcatms.com>  
 Subject: Gas Analysis  
 Date: August 4, 2009 3:00:22 PM CDT  
 To: "OGX Resources" <steve@ogxresources.com>  
 > 1 Attachment, 7.6 KB

Good Afternoon Steve,

Here are your Gas Analysis results.

Thanks and have a great day,

Don Norman  
 dnorman@wildcatms.com

Wildcat Measurement Service, Inc.  
 575-626-1840 Cell  
 575-746-3481 Office  
 1-888-421-9453 Toll Free

Wildcat Measurement Service  
 P.O.Box 1836  
 416 East Main Street  
 Arnsale, NM 88211-1836

8/4/2009 10:31 AM  
 Phone: 575-746-3481  
 575-421-0483  
 Fax: 575-746-6082  
 dnorman@wildcatms.com

**GAS ANALYSIS REPORT**

Analysate For: OGX RESOURCES L.L.C.  
 Field Name: LOVING  
 Well Name: HGGNS "33" #1H  
 Station Number: 575-01-004  
 Purpose: SPOT  
 Sample Deg. F: 108.0  
 Volume/Day:  
 Formation:  
 Line PSIG: 42.7  
 Line PSIA: 58.9

Run No: 290804-01  
 Date Run: 08/04/2009  
 Date Sampled: 08/03/2009  
 Producer: OGX RESOURCES L.L.C  
 County: EDDY  
 State: NM  
 Sampled By: KARL HAENY  
 Atmos Deg. F: 91

GAS COMPONENTS		
	MOL %	GPM
Oxygen O2:	0.0000	
Carbon Dioxide CO2:	7.8032	
Nitrogen N2:	2.9580	
Hydrogen Sulfide H2S:	0.0100	
Methane C1:	70.2167	
Ethane C2:	10.0638	2.8921
Propane C3:	5.5710	1.5344
iso-Butane IC4:	0.5875	0.1922
Non-Butane NC4:	1.3082	0.4764
iso-Pentane IC5:	0.4300	0.1872
Non-Pentane NC5:	0.4616	0.1673
Hexanes Plus C6+:	0.6870	0.2887
Totals	100.0000	5.5172

Pressure Base: 14.730  
 Real BTU Dry: 1174.052  
 Real BTU Wet: 1163.670

Calc. Ideal Gravity: 0.8074  
 Calc. Real Gravity: 0.8102  
 Field Gravity:  
 Standard Pressure: 14.696  
 Ideal BTU Dry: 1168.863  
 Ideal BTU Wet: 1148.559  
 Z Factor: 0.9662  
 Average Mol Weight: 23.3638  
 Average CuF/Gal: 55.4993  
 28 lb. Product: 0.9504  
 Ethane+ GPM: 5.5172  
 Propane+ GPM: 2.8251  
 Butane+ GPM: 1.2807  
 Pentane+ GPM: 0.6232

Remarks:  
 H2S IN GAS STREAM ON LOCATION: 0.0100% = 100 PPM

Analysis By: Don Norman

Form C-108

Affirmative Statement

OGX Resources, LLC  
Turquoise "30 Fed SWD, Well #1  
Sec 30, T24S, R32E, 1930' FNL & 1980' FWL (F)  
Lea County, New Mexico

RECEIVED OCD  
2009 SEP -2 P 1:55

New Mexico Oil Conservation Division:

Available geologic and engineering data have been examined and no evidence of open faults or hydrological connection between the disposal zone and any underground sources of drinking water has been found.



Jeff Birkelbach, Engineer  
OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702

28 AUG 09  
Date

August 28, 2009

RECEIVED OCD  
2009 SEP -2 P 1:55

NM Oil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505

Re: OGX Resources, LLC, Turquoise "30" Fed. SWD, Well #1, Unit F,  
Section 30, T-24-S, R-32-E, API# 30-025-33455, Lea County, NM

Gentlemen:

Please see attached the offsetting water analysis for our C-108 submittal for the Turquoise "30" Fed. SWD, Well #1, as referenced above.

Please let us know if you need further information concerning this application.

Thank you,



---

Ann E. Ritchie, Regulatory Agent  
OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702  
(432) 684-6381



Oil Conservation Division  
Attn: Will Jones, Engineer  
Santa Fe, NM

RE: OGX Resources, LLC, Form C-108 Application, Turquoise 30 Fed SWD #1  
API 30 025 33455, Lea County, NM

Will,

I apologize – I failed to send the cover letter with the 20 day notice when we sent the C-108 filing to the offsets, so we sent the attached by certified mailing.

Thank you,



Ann Ritchie

August 28, 2009

Devon Energy Production Co., LP  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102

Re: OGX Resources, LLC  
Form C-108 (Application for Authorization to Inject)  
Turquoise 30 Fed SWD, Well #1  
API# 30-025-33455  
1930' FNL & 1980 FWL, Unit F, Section 30, T-24-S, R-32-E  
Lea County, NM

Ladies / Gentlemen:

We sent you a copy of our C-108 Application by certified mail on August 20, 2009 on the well as stated above.

As per 19.15.15.13.D NMAC, Oil Conservation Division rules as an offset or surface owner have 20 days to file a protest with the Oil Conservation Division.

Objections must be filed with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, within 20 days.

If you should have any questions, please contact me at (432) 684-6381.

Sincerely,



Ann E. Ritchie,  
Regulatory Agent, OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702

August 28, 2009

Resaca Exploitation, LP  
1211 Lamar, Suite 1175  
Houston, TX 77010

Re: OGX Resources, LLC  
Form C-108 (Application for Authorization to Inject)  
Turquoise 30 Fed SWD, Well #1  
API# 30-025-33455  
1930' FNL & 1980 FWL, Unit F, Section 30, T-24-S, R-32-E  
Lea County, NM

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Sincerely,



Ann E. Ritchie,  
Regulatory Agent, OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702

August 28, 2009

XTO Energy Production Co., LP  
810 Houston St.  
Fort Worth, TX 76102

Re: OGX Resources, LLC  
Form C-108 (Application for Authorization to Inject)  
Turquoise 30 Fed SWD, Well #1  
API# 30-025-33455  
1930' FNL & 1980 FWL, Unit F, Section 30, T-24-S, R-32-E  
Lea County, NM

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If you should have any questions, please contact me at (432) 684-6381.

Sincerely,



Ann E. Ritchie,  
Regulatory Agent, OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702

August 28, 2009

Yates Petroleum Corp.  
105 S. 4<sup>th</sup> St.  
Artesia, NM 88210

Re: OGX Resources, LLC  
Form C-108 (Application for Authorization to Inject)  
Turquoise 30 Fed SWD, Well #1  
API# 30-025-33455  
1930' FNL & 1980 FWL, Unit F, Section 30, T-24-S, R-32-E  
Lea County, NM

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Sincerely,



Ann E. Ritchie,  
Regulatory Agent, OGX Resources, LLC  
P.O. Box 2064  
Midland, TX 79702

4022 1926 9261 2204  
7008 3230 0001 1000 0322 8002

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0702  
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AUG 28 2009  
MIDLAND TX 79701

Sent To  
Resaca Exploitation, LP  
Street, Apt. No., or PO Box No. 1211 Lamar, Ste. 1175  
City, State, ZIP+4 Houston, TX 77010

PS Form 3800, August 2006 See Reverse for Instructions

1926 1926 9261 2101  
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0702  
Postmark Here  
AUG 28 2009  
MIDLAND TX 79701

Sent To  
Devon Energy Prod Co., LP  
Street, Apt. No., or PO Box No. 20 North Broadway, Ste. 1500  
City, State, ZIP+4 Oklahoma City, OK 73102

PS Form 3800, August 2006 See Reverse for Instructions

4222 1926 9261 2272  
7008 3230 0001 1000 0322 8002

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<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$3.24</b>

0702  
Postmark Here  
AUG 28 2009  
MIDLAND TX 79701

Sent To  
XTO Energy Prod. Co., LP  
Street, Apt. No., or PO Box No. 810 Houston St.  
City, State, ZIP+4 Ft. Worth, TX 76102

PS Form 3800, August 2006 See Reverse for Instructions

0322 1926 9261 2280  
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Restricted Delivery Fee (Endorsement Required)		\$0.00
<b>Total Postage &amp; Fees</b>	<b>\$</b>	<b>\$3.24</b>

0702  
Postmark Here  
AUG 28 2009  
MIDLAND TX 79701

Sent To  
Yates Petroleum Corp.  
Street, Apt. No., or PO Box No. 105 S. 4th St.  
City, State, ZIP+4 Artesia, NM 88210

PS Form 3800, August 2006 See Reverse for Instructions

**OGX Resources, LP**  
**Turquoise "30" Fed. SWD, Well #1**  
**30-025-33455**  
**Lea County, NM**

**NMOCD C-108 Filing**  
**Surface Owner Notification Certification**  
**August 28, 2009**

**Submitted By:**



---

**Ann E. Ritchie, Regulatory Agent**  
**OGX Resources, LLC**

## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Monday, December 21, 2009 3:21 PM  
**To:** 'Ann Ritchie'  
**Cc:** Warnell, Terry G, EMNRD  
**Subject:** RE: OGX Turquoise "30 Fed SWD #1 025 33455

Ann:  
Sorry.... I checked further on this and found all the scoop... I have printed out the hearing order details and Yates recanting the objection.

I will log this in again as an administrative application and process it as soon as possible. Probably will not need anything else from you or OGX. I can estimate that I would get to this in early January and get a proposed order for Mark to sign. If it becomes an emergency, let me know.

Have a nice xmas....

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

---

**From:** Ann Ritchie [mailto:ann.wtor@gmail.com]  
**Sent:** Monday, December 21, 2009 2:24 PM  
**To:** Jones, William V., EMNRD  
**Subject:** Re: OGX Turquoise "30 Fed SWD #1 025 33455

Thank you Will - I don't know what data OGX received from Yates, but I will find out.  
Have a great holiday !  
Ann

On Mon, Dec 21, 2009 at 3:14 PM, Jones, William V., EMNRD <[William.V.Jones@state.nm.us](mailto:William.V.Jones@state.nm.us)> wrote:

Ann:

Nothing approved and apparently this was set for hearing.

Please let me know the Case number and if any resulting R order was approved, let me know which.

Happy Holidays !!

William V. Jones PE

New Mexico Oil Conservation Division

1220 South St. Francis

Santa Fe, NM 87505

---

**From:** Ann Ritchie [mailto:[ann.wtor@gmail.com](mailto:ann.wtor@gmail.com)]  
**Sent:** Friday, December 18, 2009 2:43 PM  
**To:** Jones, William V., EMNRD  
**Subject:** OGX Turquoise "30 Fed SWD #1 025 33455"

Will,

OGX notified me that Yates had withdrawn the protest for the subject well to be utilized for injection.

I could not find whether the C-108 had been approved after looking online. Would you please let me know?

Thank you,

Ann Ritchie

--  
West Texas Oil Reports  
"Since 1948"  
P.O. Box 953  
Midland, TX 79702  
432 684-6381  
432 682-1458-fax  
[www.wtor.us](http://www.wtor.us)

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**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Monday, December 21, 2009 2:15 PM  
**To:** 'Ann Ritchie'  
**Subject:** RE: OGX Turquoise "30 Fed SWD #1 025 33455

Ann:  
Nothing approved and apparently this was set for hearing.  
Please let me know the Case number and if any resulting R order was approved, let me know which.

Happy Holidays !!

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

---

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**Subject:** OGX Turquoise "30 Fed SWD #1 025 33455

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**Jones, William V., EMNRD**

---

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**Sent:** Friday, December 18, 2009 2:43 PM  
**To:** Jones, William V., EMNRD  
**Subject:** OGX Turquoise "30 Fed SWD #1 025 33455

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8/24/09      P<sup>c</sup>A well

Case 14396  
R- B194 - DISMISSED  
11/16/09

STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 14396  
Order No. R-13194

APPLICATION OF OGX RESOURCES, LLC FOR APPROVAL OF A SALT  
WATER DISPOSAL WELL, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on November 12, 2009, at Santa Fe, New Mexico, before Examiner Richard I. Ezeanyim.

NOW, on this 16<sup>th</sup> day of November, 2009, the Division Director, having considered the record and the recommendations of the Examiner,

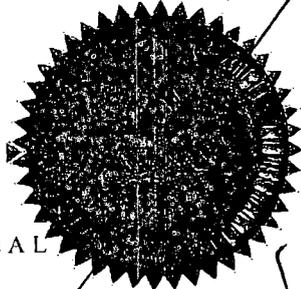
FINDS THAT:

The applicant's request for dismissal should be granted.

IT IS THEREFORE ORDERED THAT:

Case No. 14396 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



SEAL

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

MARK E. FESMIRE, P.E.  
Director

COPY

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

RECEIVED OCD  
2009 NOV -4 P 2:18

November 2, 2009

Mark E. Fesmire, P.E.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

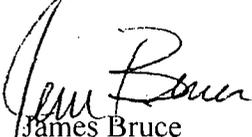
Re: Case No. 14396/OGX Resources, LLC

Dear Mr. Fesmire:

Due to the withdrawal of the objection of Yates Petroleum Corporation, applicant requests that this case be dismissed, and that the application be processed administratively.

Thank you.

Very truly yours,

  
James Bruce

Attorney for applicant

cc: William F. Carr  
William V. Jones

October 28, 2009

**VIA HAND DELIVERY**

Mark E. Fesmire, PE, JD  
Director  
Oil Conservation Division  
New Mexico Department of Energy, Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

RECEIVED OGD  
2009 OCT 29 P 3:06

**Re: Case No. 14396: Application of OGX Resources, LLC for approval of a salt water disposal well, Lea County, New Mexico.**

Dear Mr. Fesmire:

Yates Petroleum Corporation hereby withdraws its objection in the above-referenced case. Yates supports administrative approval of this application.

Very truly yours,



William F. Carr

cc: William V. Jones, Hearing Examiner  
Oil Conservation Division

James Bruce, Esq.  
Attorney for OGX Resources, LLC

Mr. Al Springer  
Yates Petroleum Corporation

## Jones, William V., EMNRD

---

**From:** Ann Ritchie [ann.wtor@gmail.com]  
**Sent:** Wednesday, August 26, 2009 11:48 AM  
**To:** Jones, William V., EMNRD  
**Subject:** Re: SWD application from OGX Resources, LLC: Turquoise 30 Fed #1 30-025-33455  
Delaware Disposal

Thank you Will - I will request this information from OGX engineer. I submitted a copy of the injection application with the APD to re-enter we filed with the BLM. *I will send a separate copy certified mail today.*  
Thank you,  
Ann

On Wed, Aug 26, 2009 at 12:38 PM, Jones, William V., EMNRD <[William.V.Jones@state.nm.us](mailto:William.V.Jones@state.nm.us)> wrote:

Hello Ms. Ritchie:

Please consider the following questions or requests:

1. Please send a copy of the application to the BLM (as surface owner??) and send this office a copy of the certified mailing receipt.
2. Send wellbore diagrams for the 30-015-29551 and the 30-025-26234 wells showing all placement of DV stage tools and cement tops.
3. Let OGX know they will need to run a CBL on the subject well and set a CIBP within 200 feet of the lowermost perforation. If the CBL shows cement problems, they will need to perf and squeeze. That language will be in the Permit.
4. Please ask OGX to do an onsite survey within 1 mile of this well looking for any windmill or other fresh water well – and if found send a water analysis. The State Engineer sometimes does not have all wells in its database.
5. What depths does fresh water possibly occur in this area?
6. Send an “affirmative statement” as per the C-108 XII – preferably from a geologist or engineer.
7. Send a generalized log analysis of the proposed injection interval showing the lack of ability to produce hydrocarbons – or a mudlog over this interval. If this is not supplied the Permit may require a swab test prior to injection.

Thank You,

William V. Jones PE

New Mexico Oil Conservation Division

1220 South St. Francis

Santa Fe, NM 87505

505-476-3448

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## Jones, William V., EMNRD

---

**From:** Jones, William V., EMNRD  
**Sent:** Tuesday, January 05, 2010 2:10 PM  
**To:** Mull, Donna, EMNRD  
**Cc:** Ezeanyim, Richard, EMNRD; 'Wesley\_Ingram@blm.gov'; Kautz, Paul, EMNRD; Hill, Larry, EMNRD  
**Subject:** RE: Turquoise 30 Federal #1, API #30-025-33455

Donna:

The proposed interval is 4700 to 5975 in the Delaware. They applied before to re-enter this P&Aed well and use it for disposal, Yates protested, Case 14396 was set for hearing, then Yates dropped the protest and I have a (new) pending administrative application and will probably get to it this week and (probably) recommend approval.

They will need to run a CBL before running tubing and will set a bottom plug within 200 feet below the injection interval. And probably a swab test after perforating since they never sent a mudlog or elog analysis - as I asked when they originally applied.

The USA owns the surface and maybe minerals here – so Wesley may have comments and requirements.

Will

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

---

**From:** Mull, Donna, EMNRD  
**Sent:** Tuesday, January 05, 2010 1:52 PM  
**To:** Jones, William V., EMNRD  
**Subject:** Turquoise 30 Federal #1, API #30-025-33455

Will, OGX Resources LLC has intent to re-entry this well for a SWD. I also see two SWD in RBDMS but there is no order number or scans. Does this well have an approved SWD?

Have a nice day. Donna

September 4, 2009

New Mexico Oil Conservation Division  
Attn: William V. Jones, Engineer  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RECEIVED  
2009 SEP 14 PM 1 33

RE: OGX Resources, LLC, Turquoise "30" Federal, Well #1, API 30 025 33455  
C-108 Application

Dear Will,

Please see attached the wellbore diagrams for API 30 015 29551 and 30 025 26234 as requested in your e-mail of August 26, 2009.

OGX will be running a CBL on the Turquoise "30" Federal, Well #1 and setting a CIBP within 200 feet of the lowermost perforation, as will be designated in the anticipated permit.

The fresh water in this area can be as deep as 600', with surface casing set in this well to 622' to cover all possible fresh water producing zones. There is no mudlog available for this well, so the well will have to be swab tested prior to injection, as per OGX Resources, LLC geology department.

We previously submitted the verification of submittal of the C-108 application by certified mail to the BLM; the water analysis has been submitted, along with the affirmative statement from the OGX engineer.

Please let me know if you are lacking any further information on this injection/disposal application. Thank you.

Yours truly,



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

cc: OGX Resources-Jeff Birkelbach/Midland



**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Thursday, January 07, 2010 5:03 PM  
**To:** 'Ann Ritchie'  
**Cc:** Ezeanyim, Richard, EMNRD; 'Wesley\_Ingram@blm.gov'; Kautz, Paul, EMNRD; Hill, Larry, EMNRD  
**Subject:** Disposal application from OGX Resources LLC: Turquoise "30 Fed SWD #1 30-025-33455 Bell and Cherry Canyon

Hello Ann:

This well is on the line between Lea and Eddy counties and was protested by Yates and then they withdrew any protest. I reviewed the application again today.

- a. I don't have a receipt or receipt number showing the BLM as the surface owner was notified, but assume they were?
- b. You did not include a wellbore diagram of the Paduca Federal #1 which was plugged in the AOR.
- c. Permit will require setting a CIBP within 200 feet below the disposal interval.
- d. The cementing report on this well spans two days and reports two different types of cement, but does not say where any DV tool was set. It is possible none was used. Does OGX have the well file from Devon yet? It may have better cementing records? If nothing, we may put a requirement to run a bond log spanning the injection interval prior to running tubing.
- e. I am hesitant to put in a requirement to swab test the injection interval, since it is so big and would not be very definitive, and would be expensive. Please ask OGX to do a quick and rough log analysis over this interval to output Porosity and Sw even over gross intervals – and send. Then ask someone to discuss the results and what it says for possible oil productivity.

Thank You,

William V. Jones PE  
New Mexico Oil Conservation Division  
1220 South St. Francis  
Santa Fe, NM 87505  
505-476-3448

## Jones, William V., EMNRD

---

**From:** Ann Ritchie [ann.wtor@gmail.com]  
**Sent:** Tuesday, January 19, 2010 1:21 PM  
**To:** Jones, William V., EMNRD  
**Subject:** Re: Disposal application from OGX Resources LLC: Turquoise "30 Fed SWD #1 30-025-33455 Bell and Cherry Canyon  
**Attachments:** OGX Turquoise Fed 30 1 Dela Sand Evaluation.pdf; OGX Turq 30 Fed 1 radius Paduca 1 wellbore.pdf; OGX Turq 30 Fed 1 3160 3 C108 letter 8.17.09.pdf

Will,

Concerning the delinquencies below:

- a. We contacted BLM, Wesley Ingram, and he verified that they had a copy of the C-108 application, I have attached a copy of the cover letter we sent to BLM with the APD indicating that we sent the C-108, we will send by certified mailing today.
- b. I have attached the wellbore diagram for the plugged Paduca Federal #1 30 025 26234 radius well.
- c. OGX will comply with the CIBP setting.
- d. OGX will run a bond log or provide information from Devon files when available.
- e. Attached is a "Delaware Sand Evaluation" provided to me by Bill Hardie, Geologist, with OGX Resources.

I will put the attachments in the mail to you today also.

Thanks so much,

Ann

On Thu, Jan 7, 2010 at 6:03 PM, Jones, William V., EMNRD <[William.V.Jones@state.nm.us](mailto:William.V.Jones@state.nm.us)> wrote:

Hello Ann:

This well is on the line between Lea and Eddy counties and was protested by Yates and then they withdrew any protest. I reviewed the application again today.

- a. I don't have a receipt or receipt number showing the BLM as the surface owner was notified, but assume they were?
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- c. Permit will require setting a CIBP within 200 feet below the disposal interval.
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- e. I am hesitant to put in a requirement to swab test the injection interval, since it is so big and would not be very definitive, and would be expensive. Please ask OGX to do a quick and rough log analysis over this interval to output Porosity and Sw even over gross intervals – and send. Then ask someone to discuss the results and what it says for possible oil productivity.

Thank You,

William V. Jones PE

New Mexico Oil Conservation Division

1220 South St. Francis

Santa Fe, NM 87505

505-476-3448

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August 17, 2009

Bureau of Land Management  
Carlsbad Field Office  
620 E. Greene St.  
Carlsbad, NM 88220

RE: OGX Resources, LLC, Turquoise "30" Federal SWD, Well #1, Lea County, NM  
Section 30, T24S, R32E, 1930' FNL and 1980' FWL – Re-entry

Please see enclosed the Form 3160-3 with attachments, along with the OGX Resources, LLC in the amount of \$4000.00.

We have also enclosed a copy of the C-108 Data Sheet, Application for Injection submitted to the Oil Conservation Division this date. An individual well bond will be obtained for this proposed injection well which has not been approved to date. A copy of the approval will be sent as soon as it is received from the Oil Conservation Division.

Please let us know if you will need any further information or documentation concerning the re-entry of this well. Thank you.

Yours truly,



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

Operator Name: **Forte Energy Corporation**  
 FIELD NAME W. Double X Morrow  
 LOCATION 1980' FNL & 1980' FEL Unit G  
Sec 30, T24S, R32E

Lease Name Paduca Federal #1  
 COUNTY & STATE Lea County, NM  
 API NO. 30 025 26234

K.B. ELEV. \_\_\_\_\_  
 D.F. ELEV. \_\_\_\_\_  
 GROUND LEVEL 3535'

**10 sx cmt @ surface**

		Surface Casing	
SIZE	<u>13 3/8"</u>	WEIGHT	<u>48#</u> DEPTH <u>719'</u>
GRADE	_____	SX. CMT.	<u>350sx</u> TOC @ <u>Surface</u>
		Intermediate Casing	
SIZE	<u>10 3/4"</u>	WEIGHT	<u>45.5#</u> DEPTH <u>4600'</u>
GRADE	_____	SX. CMT.	<u>1800 sx</u> TOC @ <u>Surface</u>

**WELL HISTORY**

COMPLETION DATE: 7/10/1979  
**50 sx CI C cmt @ 775' tag**  
 Morrow from 14,817-15,243'

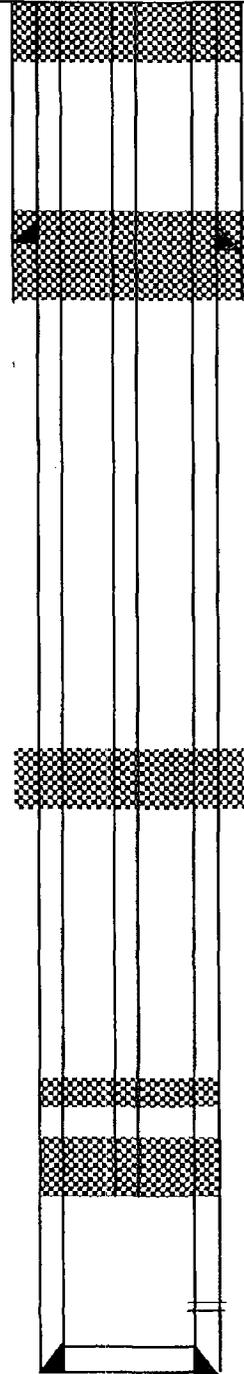
**50 sx CI C @ 4700', tag**

**50 sx CI H @ 12,675' tag**

**CIBP @ 14,750 w/4 sx cement**

PBTD@ 15,090'  
 TD@ 15,531'

**CURRENT STATUS**



**Formation Tops MD**

Bone Spring 8526'  
 Wolfcamp 11,906'  
 Strawn 13,837'  
 Morrow 14,601'

Production Casing  
 Size: 7 5/8", 29.7#  
 Depth: 12,834'  
 Cement: 1825 sx DV @ 7918'  
 Liner: 5 1/2" from 12,622'-15,531'  
 Cement: 335 sx

**TUBING DETAIL**

Well P & A 5-15-91

Top Cement DV Tool at 7918'

**Morrow Perforations**

14,817-14,905' 7 holes  
 14,994-15,007' 42 holes  
 15,184-15,243' 74 holes

COPY TO O. C. C.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLEK BACK  DIFF. RESVS.  Other

2. NAME OF OPERATOR  
Union Oil Company of California

3. ADDRESS OF OPERATOR  
P. O. Box 671 - Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 1980' FNL and 1980' FEL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
NM-20975

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Paduca Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

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

12. COUNTY OR PARISH  
Lea

13. STATE  
New Mexico

14. PERMIT NO.  
2-7-79

15. DATE SPUNDED  
2-27-79

16. DATE T.D. REACHED  
6-9-79

17. DATE COMPL. (Ready to prod.)  
7-10-79

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
3535' GR. Corrected

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
15,531'

21. PLUG. BACK T.D., MD & TVD  
15,090'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY  
ROTARY TOOLS  
CABLE TOOLS  
0'-15,531'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
14,817' to 15,007' Morrow

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Borehole Compensated Sonic; Composite of Dual Laterolog and Dual Induction; Compensated Neutron-Formation Density

27. WAS WELL CORED  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" OD	48#	719'	17-1/2"	350 sx Circulated	
10-3/4" OD	51#, 45.5#	4,600'	12-1/4"	1800 sx Circulated	
7-5/8" OD	29.7#	12,834'	9-1/2"	1825 sx DV Tool at 7,918'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
5-1/2" OD	12,622'	15,531'	335 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8" OD	14,600'	14,600'

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
15,184' to 15,243'	1/2" Jet	74 Holes
14,994' to 15,007'	1/2" Jet	42 Holes
14,817' to 14,905'	1/2" Jet	7 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15184'-15243'	Pkr. @ 15,110' w/ 20' cmt on top
14994'-15007'	210 Gals. 10% Acetic Acid
14994'-15007'	1,500 Gals. 7-1/2% MS Acid
14817'-15007'	16,000 Gals. MS Acid & 16,000# sd.

33. PRODUCTION

DATE FIRST PRODUCTION  
7-10-79 (Gas)

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  
Flowing

WELL STATUS (Producing or shut-in)  
Shut in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD. FOR TEST PERIOD	WATER—BBL.	GAS—MCF.	GAS-OIL RATIO
8-18-79	24	1"	→	7	148	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	WATER—BBL.	OIL GRAVITY-API (CORR.)
820	Packer	→	7	-

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

TEST WITNESSED BY  
L. L. Artherholt

35. LIST OF ATTACHMENTS  
Two copies of each log in Item 26

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

SIGNED R.T. Shurtleff R.T. Shurtleff TITLE District Production Supt. DATE Sept. 19, 1979

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

## Delaware Sand Evaluation

### Turquoise Fed 30 #1

Sw should be below 45%, BVW below .09 to be productive

Depth	Cross Plot Porosity	Deep Resistivity	Archie's SW	BVW
4718	21%	1.2	68%	0.142
4773	22%	1.2	65%	0.142
4926	24%	1.1	62%	0.149
4953	23%	1.6	54%	0.123
5195	23%	1	68%	0.156
5497	20%	1	78%	0.156
5519	21%	1.1	71%	0.149
5624	23%	0.75	78%	0.180
5646	21%	0.8	83%	0.174
5717	21%	1.4	63%	0.132
5766	20%	1.5	64%	0.127
5931	19%	0.8	92%	0.174
5872	21%	0.75	86%	0.180
5950	19%	1.1	78%	0.149

Bureau of Land Management  
620 E. Greene St.  
Carlsbad, NM 88220

RECEIVED

2010 JAN 22 AM 11 43

Re: OGX Resources, LLC, Turquoise "30" Fed. SWD, Well #1, Unit F,  
Section 30, T-24-S, R-32-E, API# 30-025-33455, Lea County, NM

This is to verify that BLM is the surface owner of the above location.

Yours truly,

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

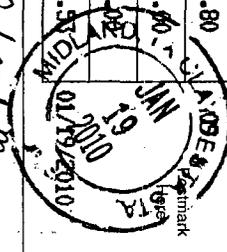
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 Street, Apt. No.: *620 E. Greene St.*  
 or PO Box No.:  
 City, State, ZIP+4: *Carlsbad NM 88220*

PS Form 3800, August 2006 See Reverse for Instructions

Injection Permit Checklist (11/30/09)

Case SWD 1203 WFX PMX IPI Permit Date 1/27/10 UIC Qtr (J/F/M)

# Wells 1 Well Name: TURQUOISE "30" FAD #1

API Num: (30-) 025-33455 Spud Date: 6-96 New/Old: N (UIC primacy March 7, 1982)

Footages 1930 FUL/1980 FUL Unit F Sec 30' Tsp 245 Rge 32E County LEA

Operator: OGX Resources LLC Contact ANN RITCHIE

OGRID: 217955 RULE 5.9 Compliance (Wells) 0/19 (Finan Assur) ---

Operator Address: P.O. Box 953, MIDLAND, TX, 79702

Location and Current Status: P&AED 6/02 Brushy C. Test 8,264 → 7,254

Planned Work to Well: Re-activate, install 5 1/2" Planned Tubing Size/Depth: 2 3/8 @ 4670'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <input checked="" type="checkbox"/> Surface	11 1/2 13 3/8	622'	600	CIRC.
Existing <input checked="" type="checkbox"/> Intermediate	11 8 5/8	4470	1200	CIRC
Existing <input checked="" type="checkbox"/> Long String	7 7/8 5 1/2		800	4050 Report
DV Tool <u>---</u> Liner <u>---</u> Open Hole <u>---</u>				Total Depth <u>8754</u>

Well File Reviewed --- Diagrams: Before Conversion  After Conversion  Elogs in Imaging File:

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)	4551	Del Top	
Injection..... Interval TOP:	4700	Bell C.	
Injection..... Interval BOTTOM:	5975	Cherry C.	
Below (Name and Top)	8498	BSL	

Non-Commercial DISPOSAL  
940 PSI Max. WHIP  
Open Hole (Y/N) ---  
Deviated Hole? ---

Sensitive Areas: Capitan Reef Cliff House Salt Depths 1000'

.... Potash Area (R-111-P) --- Potash Location --- Noticed? ---

Fresh Water: Depths: 0-600' Wells --- Analysis? --- Affirmative Statement

Disposal Fluid Sources: BS/marrow Analysis? ---

Disposal Interval Production Potential/Testing/Analysis Analysis: no mudlog available

Notice: Newspaper(Y/N)  Surface Owner BLM Mineral Owner(s) ---

RULE 26.7(A) Affected Parties: Yada / Reservoir EXPLOIT/Devon / XTO

Area of Review: Adequate Map (Y/N)  and Well List (Y/N) NO

Active Wells 1 Num Repairs 0 Producing in Injection Interval in AOR NO

..P&A Wells 1 Num Repairs 0 All Wellbore Diagrams Included? NO

Questions to be Answered:  
SET CBL w/in 200', Run CBL, SWAB TEST  
RUN CBL on all ESG or Report DV depth

Required Work on This Well: Request Sent Reply: ---

AOR Repairs Needed: Request Sent Reply: ---

Re-install from 3317

4700  
9400

NOTICE