

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

JUL 18 2011

SUNDRY NOTICES AND REPORTS ON WELLS
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 page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Devon Energy Production Company, L.P.

3a. Address
20 North Broadway, Oklahoma City, OK 73102

3b. Phone No (include area code)
405-228-8973

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SL 2080 FNL & 600 FEL SEC 24 T18S R33E

5. Lease Serial No
NM 04591

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
New Mexico Federal 1

9. API Well No.
30-025-29605

10. Field and Pool or Exploratory Area
Delaware (Cherry Canyon)

11. Country or Parish, State
Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<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 recompleate 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 recompleation 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.)

Devon Energy Production Company L. P. respectfully requests to add pay to the Delaware as follows:

- 1) MIRU PU. POOH w/ pump & rods. ND WH. NU BOP. POOH w/tbg.
- 2) RIH w/bit & scraper on tbg to ~5800'. Hydrotesting in hole to 8000#.
- 3) RU WL. RIH w/guns and perf Cherry Canyon as follows: 5331-34', 5340-43', 5356-58', 5364-66', 5679-81' & 5766-70' (44 total holes).
- 4) RIH w/10K treating pkr on tbg, set pkr @ 5800' & test csg & CIBP.
- 5) Release pkr, pull up hole & set pkr @ 5550'.
- 6) Frac down tbg per BJ, spearhead in w/~1500 gal 7.5% HCL. After frac flow well back.
- 7) Release pkr & POOH, RIH w/RBP & treating pkr on tbg. Set RBP @~5410'. PUH & set pkr @ 5390'. test RBP @ 2000#.
- 8) Release pkr & PUH & set pkr @ 5300', prep to frac down tbg.
- 9) Frac down tbg per BJ, spearhead in w/~1500 gal 7.5% HCL. After frac flow well back.
- 10) Release treating pkr & RIH & wash down to RBP, sting into RBP & POOH w/RBP treating pkr & tbg.
- 11) RIH w/tbg. ND BOP. NU WH. RIH w/rods & pump. TOP.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Name (Printed/Typed)
Spence Laird

Title Regulatory Analyst

Signature

Date 06/21/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

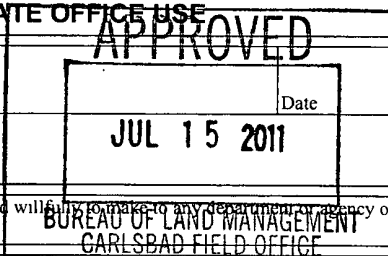
Date

Office

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.

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)



JUL 19 2011

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

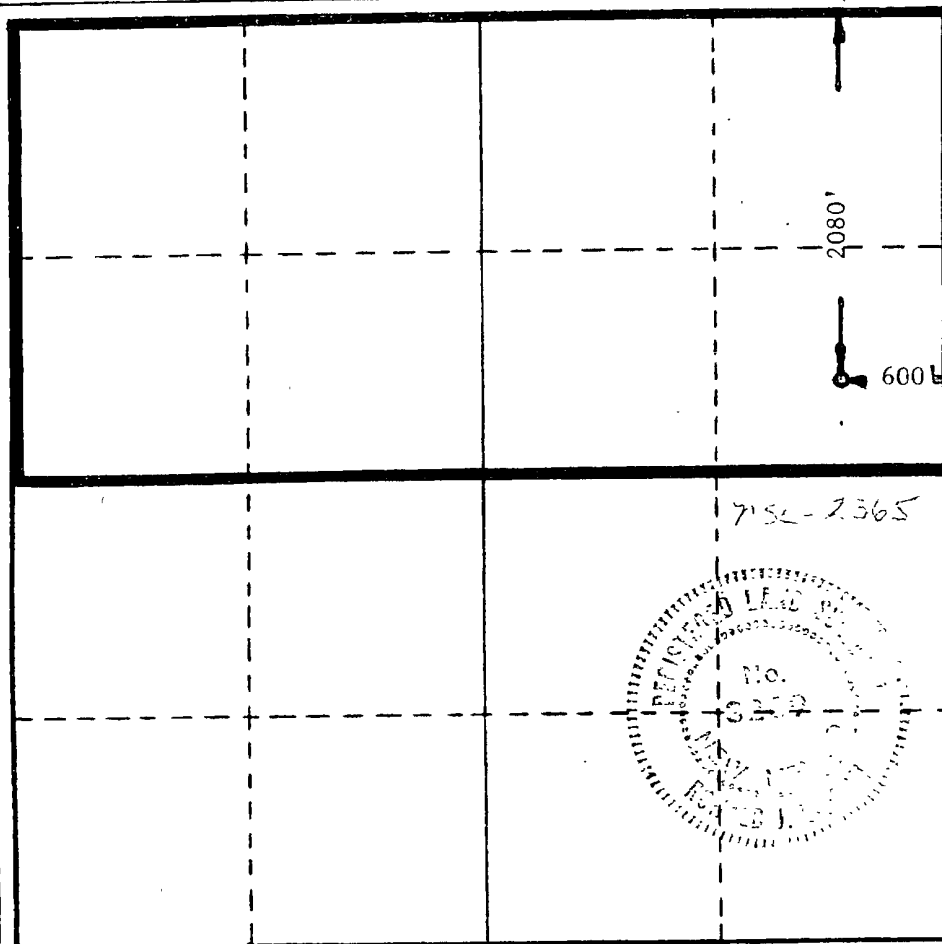
Operator Devon Energy Production Company, LP			Lease NEW MEXICO FEDERAL		Well No. 1
Unit Letter H	Section 24	Township 18 SOUTH	Range 33 EAST	County LEA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2080 feet from the NORTH line and 600 feet from the EAST line </div>					
Ground Level Elev. 3952.3	Producing Formation Delaware (Cherry Canyon)		Pool	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Arco Oil and Gas Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Spence Laird

Position
Regulatory Analyst

Company
Devon Energy

Date
6/22/11

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 knowledge and belief.

Date Surveyed
Jan. 14, 1986

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: New Mexico Fed 1		Field: EK	
Location: Sec. 24, T18S, R33E, 1980' FNL, 990' FEL		County: Lea	State: NM
Elevation: GR- 3952', KB- 3970'		Spud Date: 12/8/1986	Compl Date:
API#: 30-025-08509	Prepared by: Seyi Harris	Date: 02/10/05	Rev:

☐ PROPOSED ☒ CURRENT

17-1/2" hole
13-3/8", 54.5# csg @ 404'
 Cmt'd w/ 425 sx cmt
 circ'd

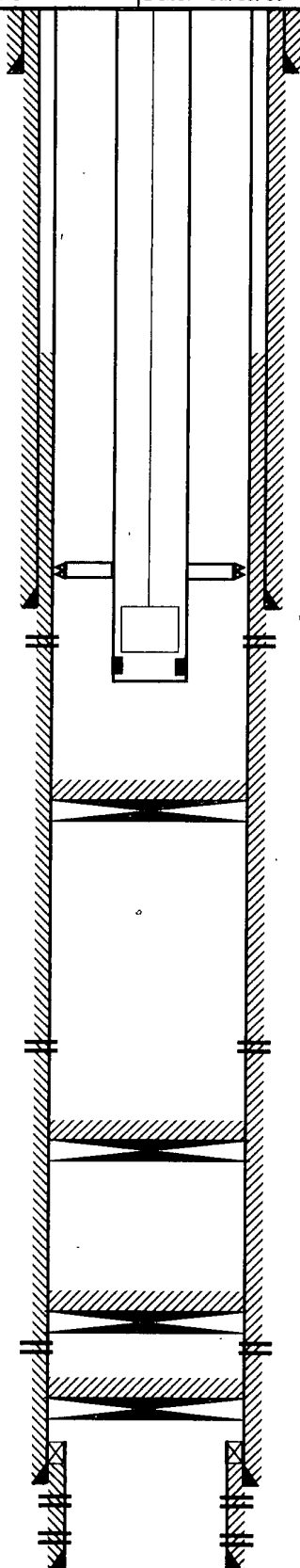
11" hole
8-5/8" 32# csg @ 5280'
 Cmt'd w/ 2400 sx cmt
 circ'd

Tubing
 2-7/8" tbg
 TA @ 5312'
 SN @ 5516'

Rod Assembly
 1.5" x 22' PR
 3 1" subs
 66 1" rods
 60 7/8" rods
 84 3/4" rods
 3 1" rods
 2 5" x 1 25" x 18', 19', 20' pump

7-7/8" Hole
5-1/2", 17# & 20# @ 13349'
 Cmt'd w/ 2150 sx cmt

4-5/8" hole cmt'd w/ 100 sx
3-1/2" 9.3# liner 13182' - 730'



TOC @ 3160'

Grayburg perfs @ 5429' - 5486', 8 holes
 A w/ 500 gal 7-1/2% NEFE HCL w/ 16 BS
 Frac'd w/ 7700 gal Boragel w/ 74800# sand

CIBP @ 7310' w/ 50" cmt

CIBP @ 10241' w/ 50" cmt

CIBP @ 12886' w/ 50" cmt
 Atoka perfs @ 12955' - 70', 4 JSPF

CIBP @ 13075' w/ 20' cmt

Morrow Perfs @ 12955' - 970'

Morrow Perfs @ 13359' - 643'
 TD: 13730'

NEW MEXICO FEDERAL 1

Schlumberger

LITHO DENSITY-COMPENSATED NEUTRON-LOG

CSU

Field Log

COMPANY: SUN EXPLORATION & PRODUCTION COMPANY

WELL: NEW MEXICO FEDERAL COMM. 01

FIELD: UT. COAT

COUNTY: LEA

STATE: NEW MEXICO

LOCATION: 2080' FNL & 500' FEL

SEC: 24

TWP: 10-S

RGE: 23-E

PERMANENT DATUM: GL

ELEVATIONS-

ELEV. OF PERM. DATUM: 3952.0 F

KB: 3570.0 F

LOG MEASURED FROM: KB

LA: 3563.0 F

19.8 F ABOVE PERM. DATUM

GL: 3952.0 F

TRNG. MEASURED FROM: KB

DATE: 11 FEB 67

RUN NO: TWO

DEPTH-DRILLER: 13046.0 F

DEPTH-LOGGER: 13048.0 F

BTH. LOG INTERVAL: 13045.0 F

TOP LOG INTERVAL: 5204.0 F

CASING-DRILLER: 5300.0 F

CASING-LOGGER: 5304.0 F

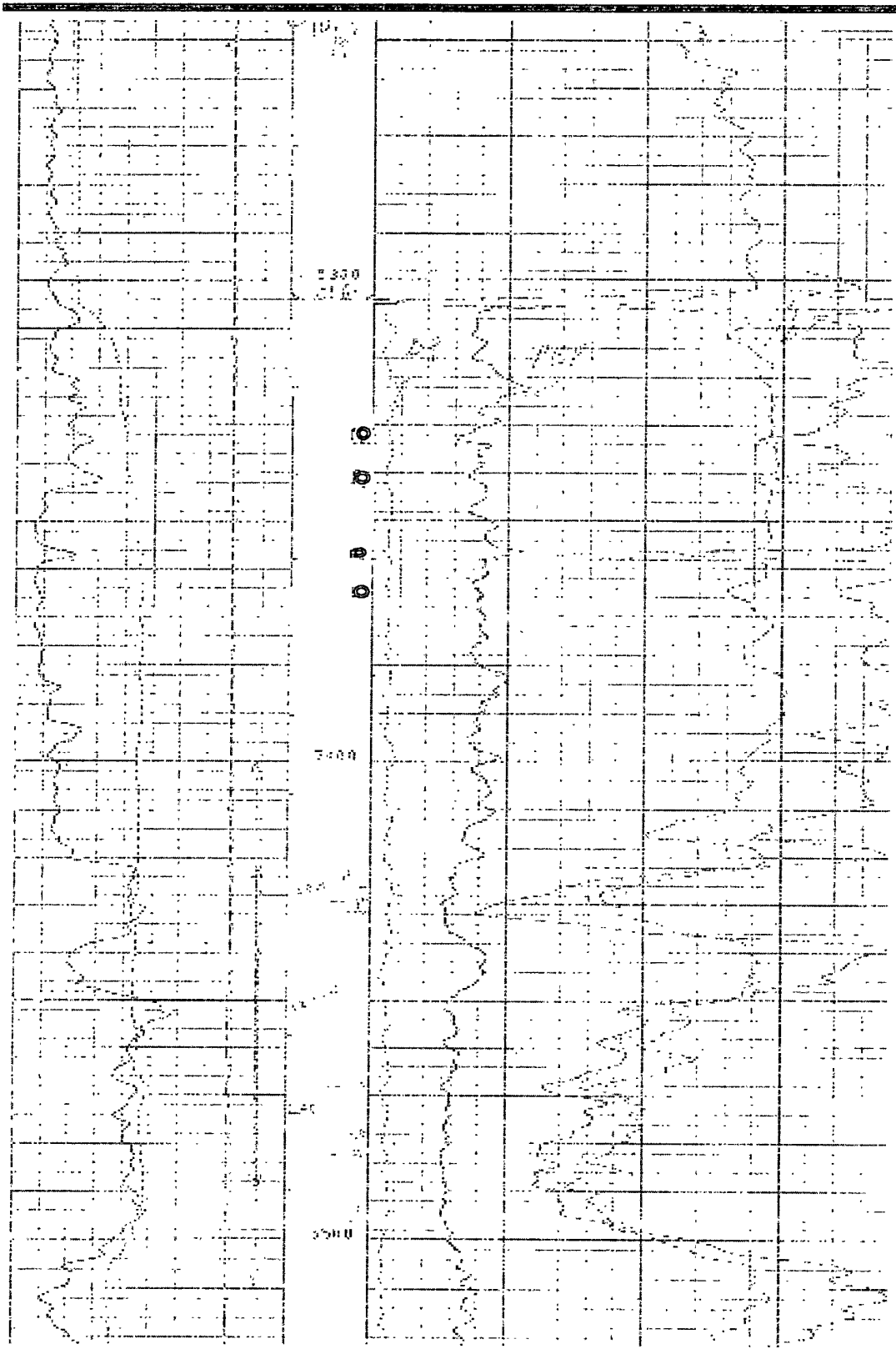
CASING: 8 5/8"

WEIGHT:

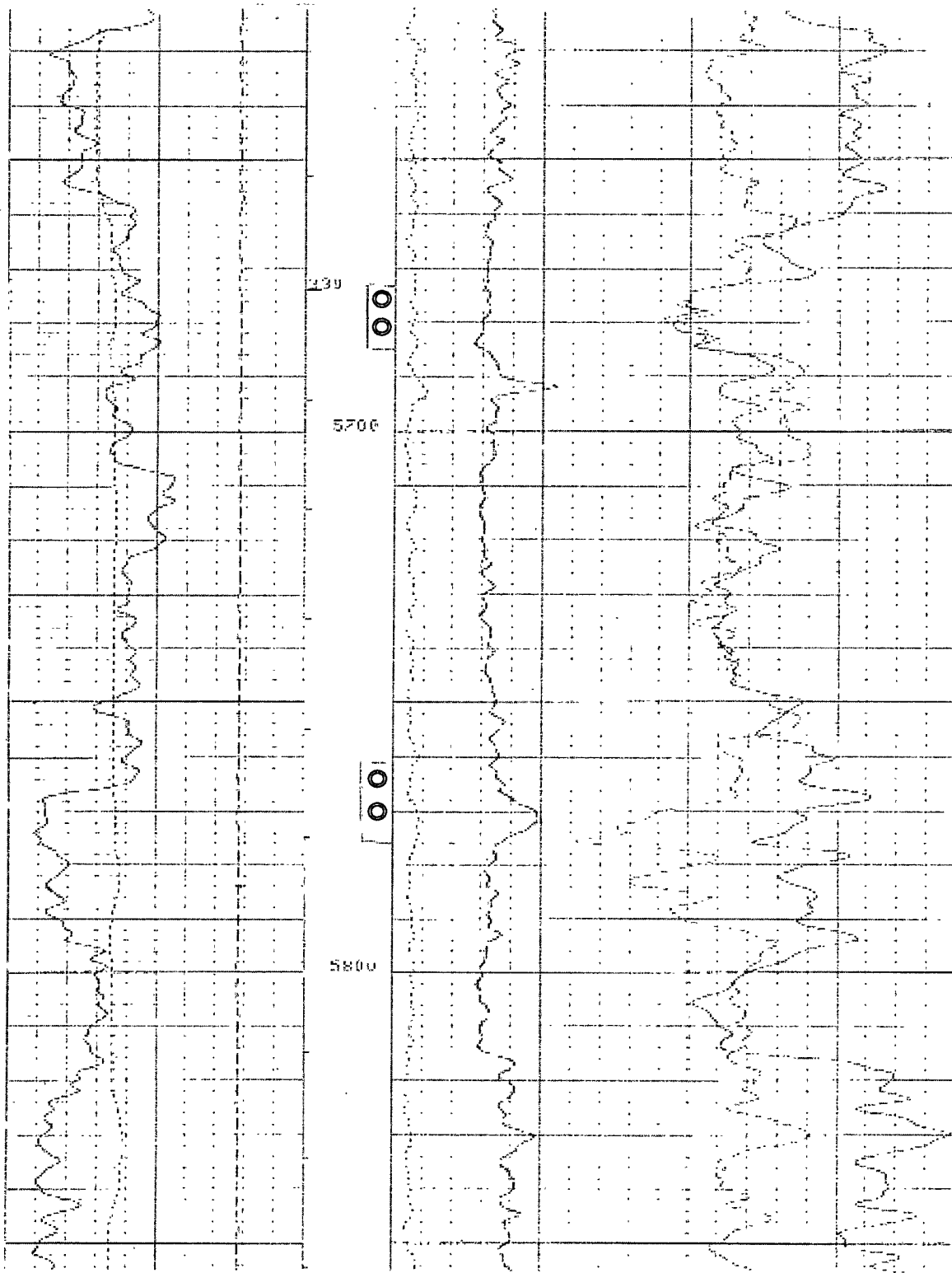
BIT SIZE: 7 7/8"

DEPTH:

11 Feb 1987 : Litho-Density Compensated Neutron-GR



11 Feb 1987 : Litho-Density Compensated Neutron-GR



**New Mexico Federal #1
30-025-29605
Devon Energy
July 15, 2011
Conditions of Approval**

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. Closed loop system required.
3. Subsequent sundry with completion record and wellbore schematic required.

TAM 071511

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

CONFIDENTIAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL.		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	Other <input type="checkbox"/>					
b. TYPE OF COMPLETION.		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF RESVR <input type="checkbox"/>	Other <input type="checkbox"/>		
2. NAME OF OPERATOR Sun Exploration & Production Company									
3. ADDRESS OF OPERATOR P.O. Box 1861, Midland, Texas 79702									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface Unit Letter H, 2080 FNL & 600 FEL At top prod. interval reported below At total depth									
14. PERMIT NO.				DATE ISSUED 1/31/86					
15. DATE SPLDDED 12/18/86		16. DATE TD REACHED 3/4/87		17. DATE COMPL (Ready to prod) 3/10/87		18. ELEVATIONS (DF, R&B, RT, GR, ETC) * 3952.3 GR 3970 KB		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 13740		21. PLUG, BACK T.D., MD & TVD 13055		22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED RT →		24. ROTARY TOOLS X	
25. CABLE TOOLS								26. WAS DIRECTIONAL SURVEY MADE	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 12955-12970 Atoka								28. WAS WELL CORED NO	
29. TYPE ELECTRIC AND OTHER LOGS RUN Borehole Sonic, DLL-MSFL, CNL-LDT, Dipmeter, BHC-Sonic DLL-GR, CNL-LDT GR								30. GR-CCL	
31. CASING RECORD (Report all strings set in well)								32. AMOUNT PULLED	
CASING SIZE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
13-3/8		54.5#		404		17 1/2		425 sks	
8-5/8		32#		5280		11		2400 sks Lite & C	
5 1/2		17 & 20#		13349		7-7/8		2150 sks "H", 50-50 poz	
3 1/2		9.3#		Liner		4-5/8		TOC 5300 TS	
33. LINER RECORD								34. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *		SCREEN (MD)	
3 1/2		13182		13730		100 sks H		None	
35. PERFORATION RECORD (Interval, size and number) 13638-13643 (2 JSPF, 3.4 gram, 9 holes) 13540-13544, 13446-13452, 13482-13500, 13394-13397, 13359-13364 (2 JSPF, 6.5 gram, 67 holes), CIBP @ 13075 w/20' cmt on top. PBTD 13055, 12955-12970 (4 JSPF .58 EHD, 32GC) 57 holes Atoka								36. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 13,359-13,643 Amount and kind of material used Acidiz'd w/ 10,000 gals 10% HCL	
37. PRODUCTION DATE FIRST PRODUCTION 4/15/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - gas well WELL STATUS (Producing or shut-in) S								38. ACCEPTED FOR RECORD	
DATE OF TEST 4/16/87		HOURS TESTED 24		CHOKE SIZE 25/64		PROD'N FOR TEST PERIOD →		OIL—BBL. CARLSBAD, NEW MEXICO	
FLOW. TUBING PRESS. 4670#		CASING PRESSURE PKR		CALCULATED 24-HOUR RATE →		OIL—BBL. 696 BC		GAS—MCF. 8.784 MMCFD	
WATER—BBL. 0		OIL GRAVITY-API (CORR.) 52.1 @ 60 F		DISPOSITION OF GAS (Sold, used for fuel, vented, etc) Gas contract now under negotiation		DISPOSITION OF GAS (Sold, used for fuel, vented, etc) (Cal. AOF 57.209 MMCFD)		WITNESSED BY	
39. LIST OF ATTACHMENTS Inclination Report, C-122, C-123								40. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Maria L. Perez		TITLE Associate Accountant		DATE 5/20/87					

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

CONFIDENTIAL

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Morrow	13325	13659	Sandstone lenses interbedded with shale. Perforations 13359-13364; 13394-13397 13446-13452; 13482-13500; 13540-13544 13638-13644 slight gas blow after swab runs. Zone abandoned
Atoka	12954	12970	Sandstone. Perforations 12955-12970 IPF 8784 MCFPD & 696 BCPD calc. from 1 hour test 25/64" choke, FTP 4284
Bone Spring	7310	8640	Limestone; DST. 7751-785, tool open 1 hour. No recovery in pipe. Sample chamber recovered drilling mud IHP 3501 IFP 29-29 ISIP 57 FFP 29-29 FSIP 57 FHP 3487. Tool open 1 hour.

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GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1685	
Salt	1800	
B/salt	2995	
Yates	3197	
Seven Rivers	3645	
Queen	4362	
B/Penrose	4658	
Premier	5217	
San Andres	5228	
Delaware Mtn. GRP	6426	
Bone Spring	7310	
1st. B.S. Sand	8640	
2nd. B.S. Sand	9283	
3rd. B.S. Sand	10051	
Wolfcamp	10241	
Strawn	12324	
Atoka	12504	
Atoka Clastics	12666	
Atoka "C"	12954	
Morrow (Middle)	13325	
Morrow (Lower)	13554	
Chester	13659	