

8-12-05 DATE IN	SUSPENSE	Stagner ENGINEER	8-15-05 LOGGED IN	NSL TYPE	PSEM0522740388 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



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]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

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.

James Bruce
Print or Type Name

Signature

Attorney for applicant
Title

Date

jamesbruc@aol.com
e-mail Address

2005 AUG 12 PM 1:40

JAMES BRUCE
ATTORNEY AT LAW

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jamesbruc@aol.com

August 12, 2005

Hand Delivered

Michael E. Stogner
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F(2), Devon Energy Production Company, L.P. applies for approval of an unorthodox location for the following well:

<u>Well:</u>	OXY Shortcake Federal Well No. 1
<u>Location:</u>	1980 feet FSL & 1130 feet FEL
<u>Well unit:</u>	NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 7, Township 19 South, Range 31 East, N.M.P.M., Eddy County, New Mexico


30-015-32234

The well was drilled in 2002 to test the Morrow formation, and was recently re-completed uphole in the Bone Spring formation (Undesignated North Hackberry-Bone Spring Pool). The pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line. The re-completion report for the well is attached as Exhibit A.

The well encroaches on the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 7. Working interest ownership in the well is common under an operating agreement. As to other interests, the N $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 7 is covered by Federal Lease NM _____, which has common interest ownership. Therefore, there is no adversely affected interest owner, and notice of this application has not been given to anyone.

Please contact me if you need any further information on this application.

Very truly yours,


James Bruce

Attorney for Devon Energy Production Company, L.P.

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
EXPIRES: NOVEMBER 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NMNM54113	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., <input type="checkbox"/> Other										6. If Indian, Allottee or Tribe Name	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP										7. Unit or CA Agreement Name and No.	
3. Address 20 North Broadway, Ste 1500 Oklahoma City, OK 73102-8260					3a. Phone No. (include area code) 405-552-4615					8. Lease Name and Well No. Oxy Shortcake Federal 1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1980 FSL 1130 FEL At top prod. Interval reported below At total Depth										9. API Well No. 30-015-32234	
14. Date Spudded 4/8/2002										10. Field and Pool, or Exploratory North Hackberry, Bone Spring	
15. Date T.D. Reached 5/9/2002										11. Sec. T., R., M., on Block and Survey or Area 7 19S 31E	
16. Date Completed (Recompleted) 5/11/2005 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										12. County or Parish 13. State Eddy NM	
17. Elevations (DR, RKB, RT, GL)* 3455' GL											
18. Total Depth: MD TVD			12,330			19. Plug Back T.D.: MD TVI			20. Depth Bridge Plug Set: MD TVI		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)	
Logs & Directional Survey submitted with original completion											
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled		
17-1/2"	13-3/8"	48	0	668		741		0			
12-1/4"	9-5/8"	36	0	3230		1350		0			
8-3/4"	5-1/2"	17	0	12330		1700		5392-cbl			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2-7/8"	8996	None			None						
25. Producing Intervals											
Formation		Top	Bottom	Perforation Record		Size	No. Holes	Perf. Status			
Bone Spring		8,760'	8,830'	12124-12173; 12150-12173			122	Composite plug at 12100'			
				11820-11830; 11879-11889; 11900-11908; 11924-11936				CIBP @ 11775' + 35' CMT			
				11008-11036				CIBP @ 10975' + 35' CMT			
				9941-9960; 10091-10098				CIBP @ 9925 + 35' CMT			
				8760-8830				Producing			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
12124-12173		1000 Gal 7.5% HCl Acid & 30% Methanol w/70QN2									
12124-12173		2500 Gal 7.5% HCl Acid & 30% Methanol w/50QCO2									
12124-12173		14040 Gal 70Q Foam Frac w/33480# 20/40 sand									
11820-11936		2500 Gal 7-1/2% HCl									
8760-8830		5000 Gal 15% NeFe HCl. Frac w/121,640# 16/30 white sand & 25,160# 16/30 resin coated sand									
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
5/11/2005	5/13/2005	24	→	120	121	120			Pumping		
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status			
			→	120	121	120	1,008				
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
			→								
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status			
			→								

(See instructions and spaces for additional data on reverse side)



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				BONE SPRING	6393
				WOLFCAMP	9943
				PENN	10315
				STRAWN	10998
				ATOKA	11227
				MORROW	11476

Additional remarks (include plugging procedure):

3/31/05: MIRU. Set CIBP AT 11,775'. Dump bailed 35' cement on top. New PBD at 11,740'. This abandons the Morrow interval from 11,820' to 11,936'. Perforated the Strawn at 11,006' to 11,036', 3 SPF, 90 holes. Swabbed water. Set CIBP at 10,975'. Dump bailed 35' cement on top. New PBD at 10,940'. Perforated the Wolfcamp at 9,941' - 9,960' and 10,091' - 10,098', 3 SPF, 78 holes. Swabbed water. Set CIBP AT 9,925' and dumped 35' cement on top. New PBD at 9,890'. Perforated the Bone Spring at 8,780' - 8,830', 3 SPF, 210 holes. Swabbed well down. Acidized with 5000 gallons 15% NeFe HCl. Frac well with 121,640# 16/30 white sand & 25,160# 16/30 resin coated sand. Ran 2-7/8" production tubing assembly, rod string, and pump. EOT at 8,996'. Set separator, heater treater, and pumping unit. Rig down on 5/11/05. Turned to sales on 5/13/05. Tested well at 120 BOPD, 120 BWPD, 121 MCFD, 24 HRS on 5/13/05.

Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (Please print)

Ronnie Stack

Title

Engineering Technician

Signature

Date

8/3/2005

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.

Stogner, Michael, EMNRD

From: JamesBruc@aol.com [JamesBruc@aol.com]
To: Stogner, Michael, EMNRD
Cc:
Subject: Devon Energy/unorthodox location in 7-19-31
Attachments:

Sent: Mon 8/15/2005 11:20 AM

Mike: Page 2 of the application contained a blank regarding the federal lease number. The lease number is NM 54113.

Jim