Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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	5. Lease Designation and Serial No. NM-0013280
2. Name of Operator: DEVON ENERGY PRODUCTION COMPANY, L.P.	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone No.: 20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611	7. If Unit or CA, Agreement Designation: N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 2310' FSL & 900' FWL, Unit L, Section 11-T20S-R33E, Lea Cnty, NM	8. Well Name and No.: SMITH RANCH "11" FEDERAL #1
	9. API Well No.: 30-025-31255
	10. Field and Pool, or Exploratory Area: Teas (Bone Spring)
	11. County or Parish, State: Lea County, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other ____	☐ 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.)*

This sundry is being submitted in response to the BLM Notice of Incidents of Noncompliance No. SJC-21-01. Devon Energy plans to recomplete the Smith Ranch "11" Federal #1 in the immediate future. Attached please find the following.

1. Procedure to recomplete well (or P&A if, after testing, the well is deemed uneconomical to produce)
2. Current well bore schematic
3. Proposed schematic of recompleted well bore
4. Proposed schematic of P&A'd well bore

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

Signed Candace R. Graham Title Engineering Technician Date December 28, 2000

Candace R. Graham

(This space for Federal or State office use)

Approved by (ORIG. SGD.) LES BABYAK Title PETROLEUM ENGINEER Date JAN 29 2001

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 to any matter within its jurisdiction.

***See Instruction on Reverse Side**

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DEVON ENERGY CORPORATION
Interoffice Correspondence

3/10/99 4:14 PM

TO: Rick Clark

FROM: W.M. Frank

RE: Recompletion Procedure
Smith Ranch "11" Federal #1
Teas (Bone Spring) Field
2310' FSL & 900' FWL
Section 11-T20S-R33E
Lea County, New Mexico

Well Data: Elevation - 3583' G.L. - 3599' R.K.B.
TD - 9700' Driller
PBTD - 9605'

Casing - 13-3/8" 48/54.5# H-40/J-55 @ 510' Cement Circulated
- 8-5/8" 32# J-55/HC-80 @ 5100' Cement Circulated after sqz jobs.
- 5-1/2" 17# N-80 @ 9700' Cmt w/585 sx
- DV Tool @ 7502' Cmt w/600 sx.

Procedure

1. MIRU DDPU. If necessary kill tubing with minimal amounts of 2% KCl substitute water. Release Guiberson Uni-VI packer @ 9279'. POOH w/packer and tubing string. Stand back tubing string and lay down all side pocket mandrels.

2. MIRU wireline company. TIH w/CIBP and set @ 9,330'. Dump bail 35' of cement on top of CIBP. RDMO electric line company.

3. MIRU pump truck. Load hole w/FSW and test casing to 1,000 psig. RDMO pump truck.

4. TIH w/redressed Guiberson Uni-VI packer and On/Off tool w/2 25" ID on 2 7/8" N-80 tubing to 6,400'. Consult CBL to make sure that packer is not setting in collar. Set packer, load and test annulus to 1,000 psig.

5. Release from On/Off tool. MIRU BJ Services. Pump 500 gal, 15% HCl pickle job down tubing. Pump 100 bbls inhibited packer fluid down casing to displace acid from tubing. Engage On/Off tool and test annulus to 1,000 psig f/15 min. RDMO BJ services.

6. Swab fluid level in well down to 5,500'.

7. MIRU wireline company. Perforate the Delaware zone using magnetically decentralized 2" HTC Predator charges w/ 0.24" EHD and 21.4" TTP as follows:

6496 - 6514'	1 shot per 2'	(10 holes)
6604 - 6634'	1 shot per 5'	(7 holes)

Correlate perforations to Schlumberger CBL/VDL/GR from 7/30/91. Rig down Wireline Company.

RDMO wireline unit.

8. Swab test well. Report results back to OKC. If necessary, a stimulation prognosis will be forwarded.

9. Release and POOH w/packer.

10. RIH w/2 jts 2 7/8" tubing – bull plugged, perf sub, SN, 7 jts 2 7/8" tubing, TAC, and 2 7/8" production tubing to surface. Set SN @ ±6,600' and TAC @ ±6400'. RIH w/ 1 1/2" pump on Norris rod string as follows: 500' 1" Norris 97's and 6100' 3/4" Norris 97 rods.

11. Hang well on, set unit at 8 spm, and begin pump testing. RDMO DDPU.

If after production testing well is deemed uneconomic then go to step #12.

12. MIRU DDPU. POOH laying down rod string.

13. ND pumping tee and NU BOPE.

14. Release TAC and POOH standing back tubing. Lay down TAC and MA.

15. PU and TIH w/CIBP and set @ 6,400'. PU 4' and load hole with produced water. Test CIBP to 500 psig. Circulate hole with plug mud. Mix, pump, and spot 25 sxs Class "C" cement on top of CIBP in a balanced pill.

16. Slowly POOH to 5,090'. Reverse circulate 1 ½ bottoms up or until hole clean. Mix, pump, and spot a 25 sxs Class "C" cement plug on top of the Delaware.

17. Slowly POOH 10 stands then reverse circulate 1 ½ bottoms up or until hole clean. Finish POOH standing back tubing.

18. MIRU electric line company. TIH with CCL and perf gun loaded with 4 shots capable of penetrating a single string of casing. With casing valve open, perf 5 ½" casing @ ±3710'. POOH with electric line. Break circulation down 5 ½" and up casing annulus. RDMO electric line company.

19. Circulate hole, down 5 ½" casing and up annulus with plug mud. Circulate hole until balanced. Observe well for static conditions.

20. ND BOPE. Weld on 5 ½" casing pull joint. PU on 5 ½" casing and remove slips. NU BOPE.

21. MIRU electric line company. TIH w/jet cutter to 3,710' and cut casing. RDMO electric line company.

22. POOH laying down 5 ½" casing.

23. TIH with sawtoothed collar on tubing to ±3,810'. Mix, pump, and spot a 50 sxs Class "C" cement plug with 100' of tubing in the casing stub. Slowly POOH to 3,395' to the top of the Yates.

24. Circulate 1 ½ bottoms up or until hole clean. Mix, pump, and spot a 100 sxs Class "C" cement plug in the 8 5/8" casing. This plug will cover the top of the Yates to the base of the salt. Slowly POOH 10 stands.

25. Circulate 1 ½ bottoms up or until hole clean. Continue to POOH to 1330' to the top of the Rustler. Mix, pump, and spot a 50 sxs Class "C" cement plug in the 8 5/8" casing. This plug will cover the top of the Yates to the base of the salt. Slowly POOH 10 stands.

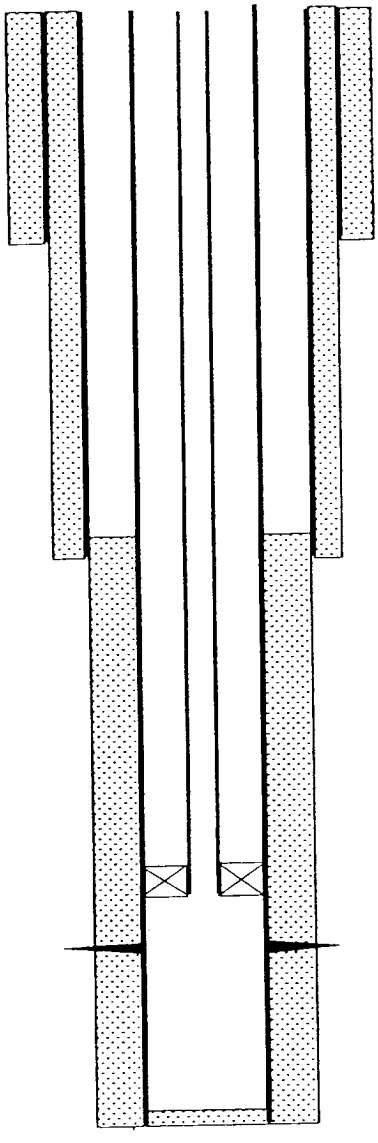
26. Circulate 1 ½ bottoms up or until hole clean. Continue to POOH to 30'. Mix, pump, and circulate class "C" cement to surface.

27. Cut off wellhead and install dry hole marker. Clean location and sell salvaged casing. Contact BLM for instructions on how to reclaim location.

DEVON ENERGY CORPORATION
WELLBORE SCHEMATIC

WELL NAME: Smith Ranch #1	FIELD: Bone Spring		
LOCATION: Section 11, T20S, R33E	COUNTY: Lea		STATE: NM
ELEVATION: GL=3583' - KB=3599'	SPUD DATE: 6/28/91	COMP DATE: 9/17/91	
API#: 30-025-31255	PREPARED BY: W. M. Frank	DATE: 10/23/97	

TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 510'	13 3/8"	48 / 54.5	H-40 / J-55		17 1/2"
CASING:	0' - 5,100'	8 5/8"	32	J-55 / HC-80	ST&C	12 1/4"
CASING:	0' - 9,700'	5 1/2"	17	N-80	LT&C	7 7/8"
TUBING:	0' - 9,279'	2 7/8"	6.5	N-80	8 rd	



■ CURRENT □ PROPOSED

13 3/8" Casing, Cemented w/525 sxs. Cement to surface.

Tubing String Detail:

1 jt 2 7/8", 6.5#, N-80, 8rd tubing
2 - 2 7/8", 6.5#, N-80, 8rd pup joints (4' & 10')
168 jts 2 7/8", 6.5#, N-80, 8rd tubing w/side pocket mandrel on bottom
40 jts 2 7/8", 6.5#, N-80, 8rd tubing w/side pocket mandrel on bottom
32 jts 2 7/8", 6.5#, N-80, 8rd tubing w/side pocket mandrel on bottom
26 jts 2 7/8", 6.5#, N-80, 8rd tubing w/side pocket mandrel on bottom
23 jts 2 7/8", 6.5#, N-80, 8rd tubing w/side pocket mandrel on bottom
1 jt 2 7/8", 6.5#, N-80, 8rd tubing
On/Off tool w/2.25" "F" Nipple
Guiberson Uni-VI packer @ 9279'

8 5/8" casing, Cemented w/700 sxs. No circulation during cement job. Set ECP @ 3572' and opened DV tool @ 3531'. Cemented w/300 sxs cement. TOC @ 1970'. Perf'd 4 holes @ 1959' and sqzd w/2000 sxs. cement did not circulate. Perf'd 4 holes @ 1589' and sqzd w/2000 sxs. Circulated 300 sxs cement.

5 1/2" DV tool @ 7502'. Cemented w/600 sxs. Good cmt bond to 4940'.

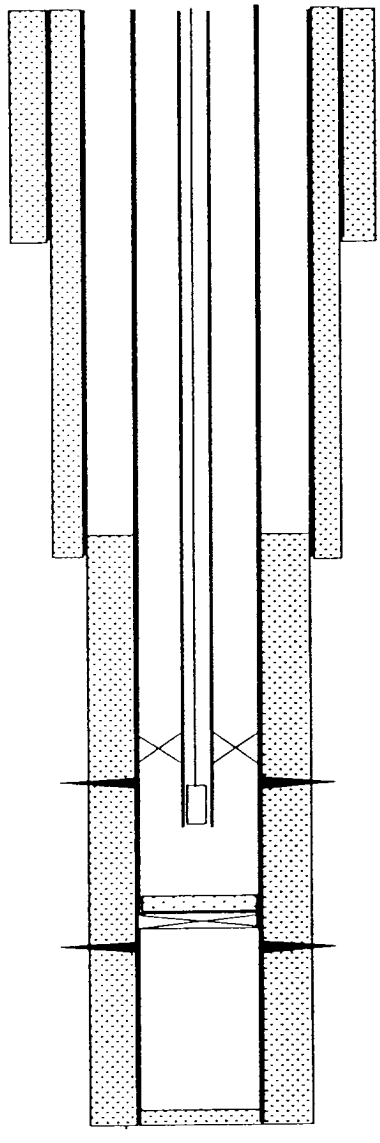
Bone Springs Perfs: 9358 - 73' and 9436 - 54', 9462 - 74'. Zones were frac'd w/56 Mlbs and 123 Mlbs sand respectivly.

PBTD @ 9,605'
5 1/2" @ 9700'. Casing cemented w/600 sxs. Circ. 119 sxs off top of DV.
TD @ 9700'

DEVON ENERGY CORPORATION
WELLBORE SCHEMATIC

WELL NAME: Smith Ranch #1		FIELD: Teas (Delaware)	
LOCATION: Section 11, T20S, R33E		COUNTY: Lea	STATE: NM
ELEVATION: GL=3583' - KB=3599'		SPUD DATE: 6/28/91	COMP DATE: 9/17/91
API#: 30-025-31255	PREPARED BY: W. M. Frank		DATE: 3/11/99

TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 510'	13 3/8"	48 / 54.5	H-40 / J-55		17 1/2"
CASING:	0' - 5,100'	8 5/8"	32	J-55 / HC-80	ST&C	12 1/4"
CASING:	0' - 9,700'	5 1/2"	17	N-80	LT&C	7 7/8"
TUBING:	0' - 6,650'	2 7/8"	6.5	N-80	8 rd	



☐ CURRENT ■ PROPOSED

13 3/8" Casing, Cemented w/525 sxs. Cement to surface.

Tubing String Detail:
- ±207 jts 2 7/8", 6.5#, N-80, 8rd tubing
- TAC
- 7 jts 2 7/8", 6.5#, N-80, 8rd tubing
- SN
- Perf sub
- 2 jts 2 7/8", 6.5#, N-80, 8rd tubing
- Bull plug

8 5/8" casing, Cemented w/700 sxs. No circulation during cement job. Set ECP @ 3572' and opened DV tool @ 3531'. Cemented w/300 sxs cement. TOC @ 1970'. Perf'd 4 holes @ 1959' and sqzd w/2000 sxs. cement did not circulate. Perf'd 4 holes @ 1589' and sqzd w/2000 sxs. Circulated 300 sxs cement.

Delaware perfs f/6496 - 6514' & 6604 - 6634' (17 holes - 0.24" EHD).

5 1/2" DV tool @ 7502'. Cemented w/600 sxs. Good cmt bond to 4940'.

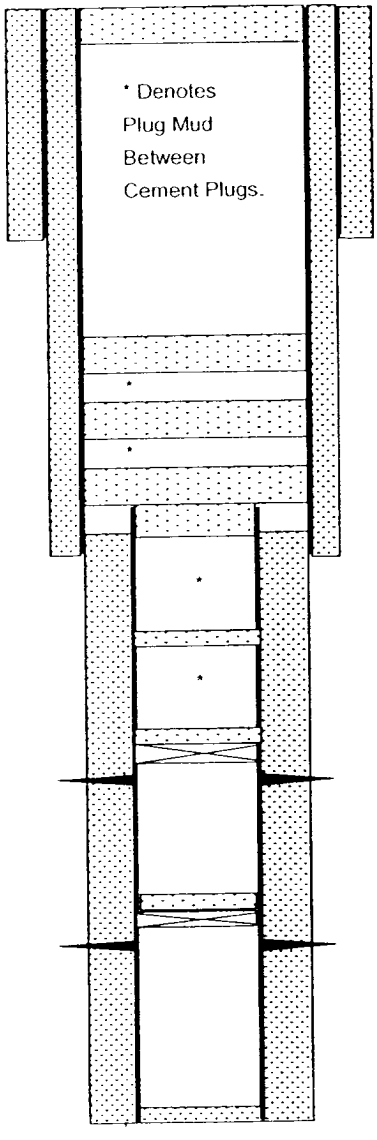
CIBP @ 9330' and covered w/35' of cement.
Bone Springs Perfs: 9358 - 73' and 9436 - 54', 9462 - 74'. Zones were frac'd w/56 Mlbs and 123 Mlbs sand respectivly.

PBTD @ 9,605'
5 1/2" @ 9700'. Casing cemented w/600 sxs. Circ. 119 sxs off top of DV.
TD @ 9700'

DEVON ENERGY CORPORATION
WELLBORE SCHEMATIC

WELL NAME: Smith Ranch #1	FIELD: Teas (Delaware)		
LOCATION: Section 11, T20S, R33E	COUNTY: Lea		STATE: NM
ELEVATION: GL=3583' - KB=3599'	SPUD DATE: 6/28/91	COMP DATE: 9/17/91	
API#: 30-025-31255	PREPARED BY: W. M. Frank	DATE: 12/9/00	

TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 510'	13 3/8"	48 / 54.5	H-40 / J-55		17 1/2"
CASING:	0' - 5,100'	8 5/8"	32	J-55 / HC-80	ST&C	12 1/4"
CASING:	0' - 9,700'	5 1/2"	17	N-80	LT&C	7 7/8"
TUBING:						



☐ CURRENT ■ PROPOSED P&A

Surface plug from 30' to 3'.

8 5/8" casing, Cemented w/700 sxs. No circulation during cement job. Set ECP @ 3572' and opened DV tool @ 3531'. Cemented w/300 sxs cement. TOC @ 1970'. Perf'd 4 holes @ 1959' and sqzd w/2000 sxs. cement did not circulate. Perf'd 4 holes @ 1589' and sqzd w/2000 sxs. Circulated 300 sxs cement.
13 3/8" Casing, Cemented w/525 sxs. Cement to surface.

Rustler plug @ 1,330'. 50 sxs (193') Class "C" cement.

Yates plug @ 3,395'. 100 sxs (386') Class "C" cement. This plug will also cover the base of the salt @ ±3,170'.

5 1/2" casing cut @ ±3,710'. 50 sx (100' in and 154' out) Class "C" cmt. plug from 3,810' to 3,556'.

Delaware plug @ 5,090'. 25 sxs (253') Class "C" cement.

CIBP set @ ±6,400' and capped with 25 sxs (253') of Class "C" cement. Delaware perfs f/6496 - 6514' & 6604 - 6634' (17 holes - 0.24" EHD).

5 1/2" DV tool @ 7502'. Cemented w/600 sxs. Good cmt bond to 4940'.

CIBP @ 9330' and covered w/35' of cement.
Bone Springs Perfs: 9358 - 73' and 9436 - 54', 9462 - 74'. Zones were frac'd w/56 Mlbs and 123 Mlbs sand respectivly.

PBTD @ 9,605'
5 1/2" @ 9700'. Casing cemented w/600 sxs. Circ. 119 sxs off top of DV.
TD @ 9700'