

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M.
311 S 1st St
Albuquerque, N.M.

Division

FORM APPROVED
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
DEVON ENERGY CORPORATION (NEVADA)

3. Address and Telephone No.
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 2300' FSL & 1800' FEL, Unit J, Sec 17-T21S-R26E
BHL: 749' FNL & 1514' FEL, Unit B, Sec 17-T21S-R26E

JUN 19 1998
RECEIVED
OCD - ARTESIA

5. Lease Designation and Serial No.
NM-NM84

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
INEXCO "17" FEDERAL #2

9. API Well No.
30-015-27804

10. Field and Pool, or Exploratory Area
Catclaw Draw (Morrow)

11. County or Parish, State
Eddy Cnty, NM

CHECK APPROPRIATE BOX(s) 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"/> Abandonment
<input 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>Perf and stimulate Upper Morrow</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.)*

Within the next two weeks, we plan to set and cement a CIBP at 10,950' then proceed with workover to perforate the Upper Morrow and stimulate same. Attached please find the following.

1. Engineer's workover procedure
2. Current well bore schematic (well is TA'd)
3. Rodstar down hole pump analysis
4. Copies of log sections
5. BLM letter -- SW-907 - 3105.2 (06200)

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

Signed Candace R. Graham

Candace R. Graham

Title Engineering Technician

Date May 19, 1998

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

Title PETROLEUM ENGINEER

Date JUN 19 1998

Approved by
Conditions of approval, if any:

DEVON ENERGY CORPORATION

Interoffice Correspondence

Monday, May 18, 1998

TO: Rick Clark

FROM: W.M. Frank

RE: Recompletion Prognosis
Inexco 17-2 (DEC - 97%)
2300' FSL & 1800' FEL (Surface)
776' FNL & 1517' FEL (TD)
Section 17-T21S-R26E
Eddy County, New Mexico

Well Data: Elevation - 3299' R.K.B. 3280' GL

TD - 11,370' MD PBTD - 11,300' MD

Perforations - 11,040-11,240' Morrow (OA)

Casing - 13-3/8" 48# J-55 @ 491' Cmt to Surface
- 8-5/8" 24# K-55 @ 2113' Cmt to Surface
- 4-1/2" 11.6 & 13.5#, N-80 @ 11,370' w/790 sx TOC -
8097' (Temp Survey). Casing perf'd at 3,530' and 910 sxs
cement circulated in annulus, no cement to surface.

Packer - Arrow set permanent packer @ 10,911'

2 3/8", 4.7#, N-80, 8rd AB Modified Tubing

Capacity - 0.0039 Bpf Displacement - 0.00171 Bpf

Burst - 11200 psig new, 8400 psig @ 75%

Procedure

NOTE: ALL DEPTHS ARE MEASURED DEPTH UNLESS OTHERWISE SPECIFIED.

1. MIRU DDPU. Blow down well until well dies. If necessary, kill well with 2% KCl containing 1 gpt clay stabilizer. Use as little kill fluid as possible.
2. ND wellhead. NU BOPE.

3. Release seal assembly from packer (should take just straight pull) and POOH standing back tubing.
4. MIRU electric line company w/pack-off lubricator. TIH w/CIBP and set @ 10950'. Dump bail a minimum of 35' of cement on top of CIBP. Correlate depth with Long Spaced Sonic Log of 3/30/94. RDMO electric line company.
5. TIH w/Baker MAX packer and L-10 On/Off Tool on 2 3/8" tubing to 10,360'. Hydrotest 2 3/8" to 8,000 psig.
6. Before setting packer, "pickle tubing" with 750 gals 15% HCl. Pump acid down tubing at 1 bpm to the EOT and then reverse acid out at 1 bpm with produced water.
7. Set packer @ 10,360'. Load annulus w/inhibited 2% KCl substitute packer fluid. Test annulus to 1,000 psig f/15 minutes.
8. ND BOP. NU tree. Swab fluid level in tubing down to 9,000' from surface. This will provide 1,400' of fluid cover above the perf guns.
9. MIRU electric line unit w/full 3000 psi lubricator. Perforate the Upper Morrow lime formation under-balanced at the following depths:

10,532 - 33' (Limestone)	2 jspf	3 shots
10,535 - 36' (Limestone)	2 jspf	3 shots
10,537 - 38' (Limestone)	2 jspf	3 shots
10,567 - 68' (Limestone)	2 jspf	3 shots
10,572 - 74' (Limestone)	2 jspf	5 shots
10,577 - 78' (Limestone)	2 jspf	3 shots

A total of 20 shots. Correlate depth with Long Spaced Sonic Log of 3/30/94. RDMO electric line unit.

10. Turn well to sales and flow test well.
11. If well does not flow, swab test well and record fluid entry per hour.
12. MIRU BJ Services. Acidize Morrow intervals as per service company recommendation.
13. Swab back load and flow test well. If well is commercial, put well to sales.
14. If Morrow proves non-commercial then kill well with FSW. Release packer and POOH standing back tubing.

15. MIRU electric line company w/pack-off lubricator. TIH w/CIBP and set @ 10,430'. Dump bail a minimum of 35' of cement on top of CIBP. Correlate depth with Long Spaced Sonic Log of 3/30/94. RDMO electric line company.
16. TIH with a 2 3/8" SN on tubing to 10,300'. Circulate hole with 160 bbls of plug mud.
17. POOH w/tubing to 10,154'. Spot a 25 sx Class "H" cement in a balance plug to the EOT. Slowly POOH laying down 10 joints of tubing. Reverse circulate the tubing clean. Continue POOH to 9,588'. Spot a 25 sx Class "H" cement in a balance plug to the EOT. Slowly POOH laying down 10 joints of tubing. Reverse circulate the tubing clean. POOH w/tubing to 7,704'. Spot a 25 sx Class "H" cement in a balance plug to the EOT. Slowly POOH laying down 10 joints of tubing. Reverse circulate the tubing clean. POOH w/tubing to 7,704'. Spot a 25 sx Class "H" cement in a balance plug to the EOT. Slowly POOH laying down 10 joints of tubing. Reverse circulate the tubing clean. POOH laying down remainder of tubing.
18. PU and TIH w/2,400' of yellow band 2 3/8", J-55, 8rd tubing. Circulate hole with FSW until clean. Pressure test casing to 4,000 psig (51% of rated burst) f/15 minutes. Bleed off pressure.
19. POOH standing back tubing.
20. MIRU electric line unit. Run CBL/VDL/GR from PBTD to 200' above TOC. If bond is unacceptable notify OKC ASAP and a squeeze cementing procedure will be issued. If the bond is acceptable rig up a full 3000 psi lubricator. Perforate Delaware "A" formation at the following depths:

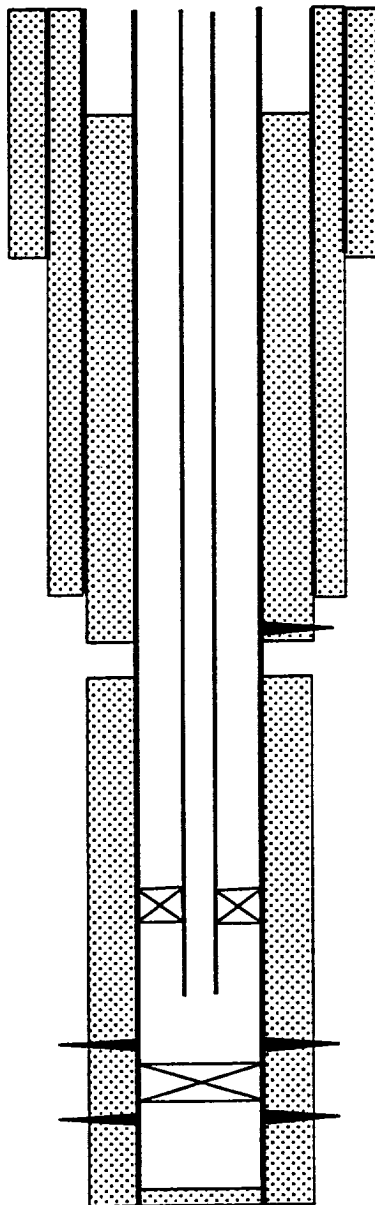
2180 - 2198'	2 jspf	37 shots
2206 - 2225'	2 jspf	39 shots
2239 - 2254'	2 jspf	31 shots

Correlate depth with Long Spaced Sonic Log of 3/30/94. RDMO electric line unit.

22. MIRU BJ Services. Frac Delaware perfs as per BJ Services procedure.
23. Flow back well for one hour at 1 bpm. Shut well in overnight.
24. TIH w/tubing and bailer and clean out casing to PBTD. POOH and lay down bailer.
25. TIH w/BP 30' mud anchor, 4' perf'd sub, SN and tubing to 2,300'. PU and TIH with a 1 1/2" pump on 7/8" Norris 78 rod string. Set pump load and test tubing. Hang off rods.
26. MIRU pumping unit w/gas engine.
27. Put well to sales.

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Inexco Federal "17" #2			FIELD: Catclaw Draw (Morrow)			
LOCATION: Section 17, T21S, R26E			COUNTY: EDDY			STATE: NM
ELEVATION: GL=3280' - KB=3299'			SPUD DATE: 2/2/94		COMP DATE: 8/19/94	
API#: 30-015-27804		PREPARED BY: W. M. Frank			DATE: 4/15/97	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0' - 491'	13 3/8"	48	J-55	ST&C	17 1/2"
CASING:	0' - 2113'	8 5/8"	24	K-55	ST&C	12 1/4"
CASING:	0' - 11370' MD	4 1/2"	11.6 & 13.5	N-80	LT&C	7 7/8"
TUBING:	0' - 10911	2 3/8"	4.7	N-80	AB MOD.	
TUBING:						



☒ CURRENT ☐ PROPOSED
KOP @ 5275'.
Casing Tested to 3500 psig and held OK on 4/1/94

13 3/8" CASING, CMT'D W/600 SXS. TOP JOB CMT. TO SURFACE.

Tubing String Detail:

Pup jts - 8', 8', 6', 2 3/8", 4.7#, L-80, AB Mod.
 347 jts - 2 3/8", 4.7#, L-80, AB Mod. tubing
 2 3/8" Arrow Seal Assembly
 Arrow Seal Perm . Pkr.
 Pup jt - 2 3/8", 4.7#, N-80, 8rd
 2 3/8" x 1.81" "F" nipple @ 10911'.

8 5/8" CASING, CMT'D W/1300 SXS. TOP JOB CMT. TO SURFACE.

SQZ PERFS @ 3530-32', 4 SPF. 910 SXS CMT CIRC. NO CMT TO SURF.
 SQZ PERFS TESTED TO 1500 PSIG ON 4/5/94.

DV TOOL @ 4396'
 TOC @ 8097' f/CBL OF 3/31/94

TOP OF 13.5# CASING @ 10062'.

ARROW SEAL PERMANENT PACKER @10911'

MORROW PERFS: 11235-40', 232', 229', 222-28', 210-21', 172',
 161-69', 110-16', 076-96', 058-70', 040-46'. Frac'd w/51 Mlbs 20/40.
 CIBP set @ 11300'. NO CEMENT ON TOP OF CIBP.
 MORROW PERFS: 11310-21'
 PBTD @ 11369'
 4 1/2" @ 11370'. CASING CMT'D W/790 SXS. CMT.
 TD @ 11370'