

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Co. is  
P.O. Box 1980  
Hobbs, NM 88241

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 WIW

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)  
**660' FNL & 1980' FWL, Unit C, Section 35-T19S-R34E, Lea Cnty, NM**

5. Lease Designation and Serial No.  
**NM-NM052**

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

7. If Unit or CA, Agreement Designation  
**Mescalero Ridge Ut 891007465B**

8. Well Name and No.  
**MESCALERO RIDGE 35 UNIT #6**

9. API Well No.  
**30-025-20693**

10. Field and Pool, or Exploratory Area  
**Pearl (Queen)**

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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Well Repair</u>	<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.)\*

In February, 1998, we plan to workover the Mescalero Ridge 35 Unit #6 to return well to injection. Attached please find the following.

1. Procedure of workover planned
2. Current well bore schematic

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

Signed Candace R. Graham

Title CANDACE R. GRAHAM  
ENGINEERING TECH.

Date 1/15/98

(This space for Federal or State office use)

Approved by CANDACE R. GRAHAM

Title PETROLEUM ENGINEER

Date JAN 21 1998

Conditions of approval, if any:

**RECEIVED**  
**JAN 20 97** 98  
BLM  
ROSWELL, NM

Received  
Perbs  
000

# DEVON ENERGY CORPORATION

## Interoffice Correspondence

1/3/98 9:22 AM

AFWE # 970360

AFWE \$124,500

**TO:** Rick Clark

**FROM:** W.M. Frank

**RE:** SWD Well Repair Procedure  
MRU 35-06  
6600' FNL & 1980' FWL  
Section 35-T19S-R34E  
Lea County, New Mexico

Well Data:      Elevation      3719' GL      3728' RKB

TD - 5250'      PBTD - 5130'

Casing: 8-5/8" 28# @ 212' Cement Circulated  
5-1/2" 15.5# @ 5250' Cmt w/350 sx

### Procedure

Concurrent to wellwork, test injection line to confirm integrity.

1. Flow back well until well dies. Haul in 5500' of 2 7/8", P-105 workstring and lay in racks.
2. MIRU DDP. Release packer and POOH laying down tubing.
3. TIH w/4 3/4" bit to top of fish @ 4659'. Circulate hole clean and POOH w/bit.
4. PU and TIH with one joint of washpipe on suitable fishing assembly. Washover tubing fish to Packer body @ ±4687'. Circulate hole clean. POOH and laydown washpipe. PU and TIH w/overshot dressed to catch 2 3/8" tubing collar on suitable fishing assembly. Engage fish and release packer. Fish consists of:
  - 1 jt. 2 3/8", J-55, IPC tubing
  - Baker Lok-Set Packer
  - Baker Flow Regulator
  - Bull Plug
5. POOH w/tubing and LD fish.

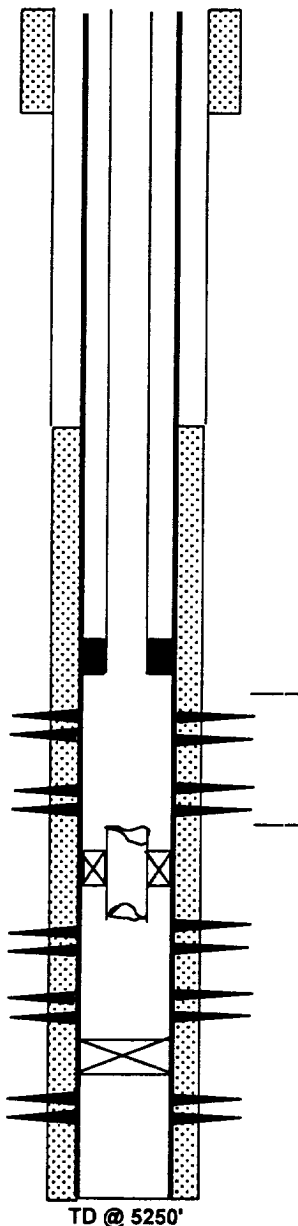
MRU 35-6  
SWD Well Repair Procedure  
Page 2

6. TIH w/4 3/4" bit to PBTD @ 5130'. Circulate hole clean and POOH.
7. MIRU electric line and run casing inspection log f/PBTD to surface. RDMO electric line.
8. PU RBP/squeeze packer combination and TIH PU tubing to 4500'. Set RBP and test to 500 psig. Release packer and test annulus to 300 psig. If annulus leaks, begin testing casing out of the hole until casing leak is found and isolated. If casing leak is found an alternate procedure will be written.
9. TIH w/treating packer to 4400'. MIRU BJ services. Pump acid stimulation as per BJ recommendation.
10. Release pressure, release packer, and POOH laying down work string.
11. PU IPC Injection packer, IPC On/Off tool and IPC 2 3/8", 4.7#, J-55, 8rd, tubing and TIH to ±4500'. Space out tubing, set packer, test annulus to 300 psig. Release pressure, ND BOPE, NU injection head.
12. MIRU pump truck and test annulus to 300 psig f/30 min on chart. Inform BLM of test so that they can witness.
13. RDMO DDPU and place the well on injection.

# DEVON ENERGY CORPORATION (NEVADA)

## WELLBORE SCHEMATIC

WELL NAME: Mescalero Ridge Unit #35-6 WIW (SI)			FIELD: Pearl (Queen)			
LOCATION: 660' FNL, 1980' FWL, Sec 35, T19S, R34E			COUNTY: Lea			STATE: NM
ELEVATION: 3728' KB			SPUD DATE: 7/10/64		COMP DATE: 8/5/64	
API#: 30-025-20693		PREPARED BY: TERESA GLASS				DATE: 4/9/97
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0'-212'	8 5/8	23#	H-40		11
CASING:	3310'-5250'	5 1/2	15.5#	J-55		7 7/8
CASING:						
TUBING:	0'-4437'	2 3/8"	4.6#	J-55	EUE	
TUBING:						



☒ CURRENT

☐ PROPOSED

8-5/8" 23# H-40 SURFACE CASING TO 212' W/ 125 SX CIRC TO SURF

5-1/2" 15.5# J-55 PRODUCTION CASING TO 5250' W/ 350 SX  
TOC @ 3310' BY TEMP SURVEY

139 JTS 2-3/8" IPC J-55 8RD TBG

ELDER LOK-SET PKR @ 4437'

QUEEN-PENROSE PERFS 4591'-4610'

CASING INSPECTION LOG  
INDICATES BAD CASING  
FROM 4580'-4640'

QUEEN-PENROSE PERFS 4612'-4631'

FRAC'D @ 13,000 #

JUNK LEFT IN HOLE @ 4659'

QUEEN-PENROSE PERFS 4860'-4867'

FRAC'D @ 13,000 #

QUEEN-PENROSE PERFS 4981'-4996'

FRAC'D @ 14,000 #

CIBP @ 5130'

QUEEN-PENROSE PERFS 5171'-5184'

FRAC'D @ 13,000 #

TD @ 5250'

Received  
Hobbs  
sqbs

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