

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

U.S. OIL CONSERVATION COMMISSION  
P.O. BOX 10  
HOBBS, NEW MEXICO 88240

FORM APPROVED  
Budget Bureau No. 1004-013  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-84898
2. Name of Operator DALEN Resources Oil & Gas Co.	6. If Indian, Allottee or Tribe Name NA
3. Address and Telephone No. 6688 N. Central Expwy., Suite 1000, Dallas, TX 75206	7. If Unit or CA, Agreement Designation NA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1980' FWL NE/4 SW/4 Section 28, T26S-R33E	8. Well Name and No. Rattlesnake Federal "28" No. 1
	9. API Well No. 30-025-33062
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<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 Amend APD	<input type="checkbox"/> Dispose Water

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.)\*

DALEN Resources received verbal approval to deviate from the APD during the drilling of the Rattlesnake Federal 1-28 as follows:

Surface casing was proposed to 800' and set short @770' per verbal approval from Adam Salameh, Carlsbad BLM, 08/29/95. Casing & cementing detail is attached.

Intermediate casing was proposed to 5000' and was actually set @4895' per attached, notified Kathy w/Carlsbad BLM 09/06/95.

Plug back per Shannon Shaw, Hobbs BLM, 10/06/95.

12,375' - 12,275' 45 sx 50/50 poz  
10,047' - 9,947' 35 sx 50/50 poz  
9,200' - 9,000' 65 sx 50/50 poz

PBTD 9027'. 5-1/2" 17# N-80 production casing was proposed to 12,500'. We set 5-1/2" 15.5# K-55 @9,013' per verbal approval from Shannon Shaw, Carlsbad BLM, 10/06/95. Casing & cementing detail attached.

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

Signed Cindy B. Reister Title Regulatory Compliance Specialist Date 10/17/1995

(This space for Federal or State office use)

Approved by Orig. Signed by Adam Salameh Title Regulatory Compliance Specialist Date 11/9/95

Conditions of approval, if any:

CC: New Mexico Oil Conservation Div.

## CASING AND CEMENTING REPORT

LEASE & WELL NO. RATTLESNAKE FEDERAL 28 #1

DATE 08/30/95

CASING RUN: SURFACE

## RKB TO CUTOFF POINT "0" TO 19.00

NO OF JTS.	SIZE	WT.	GRADE	THD	EFFECTIVE LENGTH	BOTTOM DEPTH
1	13.375	48.00	H-40	STC	0.60	19.50
1	13.375	48.00	H-40	STC	44.59	64.19
1	13.375					64.19
17	13.375	48.00	H-40	STC	757.36	821.55

D.V. TOOL 2 \_\_\_\_\_ NO. OF CENTRALIZERS 5 \_\_\_\_\_

REMARKS : 1-HOWCO TEXAS PATTERN SHOE, 2-JT CSG, 3-HOWCO INSERT FLOAT

4-17 JTS CSG.

## CEMENT REPORT

## FIRST STAGE

DEPTH OF SHOE	770	TOP OF LINER						
BUMP PLUG AT		WITH	126	BBLs. @	900	PSI		
LEAD IN SLURRY:	360	SACKS	CLASS CLASS C	PLUS	1/4#/SX FLOCELE			
				MIXED AT	12.40	PPG	YIELD	1.97 CF/SK
TAIL IN SLURRY:	340	SACKS	CLASS CLASS C	PLUS	2% CACL2			
				MIXED AT	14.80	PPG	YIELD	1.34 CF/SK

## SECOND STAGE

DEPTH STAGE COLLAR: \_\_\_\_\_

BUMP PLUG AT \_\_\_\_\_ WITH \_\_\_\_\_ BBLS. @ \_\_\_\_\_ PSI

LEAD IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_

\_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK

TAIL IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_

\_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK

ITEM: SCW WELLHEAD MAKE: FMC TYPE: SLIP ON WELDED TOP FLANGE: 13.62 OUTLETS: 1  
SIZE: 2.000 WP: 3000

FOREMAN: STEVE HAYES

## CASING AND CEMENTING REPORT

LEASE & WELL NO. RATTLESNAKE FEDERAL 28 #1

DATE 09/07/95

CASING RUN: INTERMEDIATE#1

## RKB TO CUTOFF POINT "0" TO 18.00

NO OF JTS.	SIZE	WT.	GRADE	THD	EFFECTIVE LENGTH	BOTTOM DEPTH
1	8.625			LTC	1.39	19.39
1	8.625	32.00	K-55	LTC	42.45	61.84
1	8.625			LTC	0.95	62.79
55	8.625	32.00	K-55	LTC	2267.02	2329.81
6	8.625	32.00	K-55	STC	273.51	2603.32
55	8.625	24.00	K-55	STC	2324.98	4928.30

D.V. TOOL @

NO. OF CENTRALIZERS 6

REMARKS : SECTION 1-HOWCO SUPER SEAL FLOAT SHOE. SECTION 2- CSG. SECTION 3-  
HOWCO SUPER SEAL FLOAT COLLAR. SECTION 4,5 AND 6- CSG.

## CEMENT REPORT

## FIRST STAGE

DEPTH OF SHOE	4895	TOP OF LINER					
BUMP PLUG AT	0.39	WITH	304	BBLs. @	1600	PSI	
LEAD IN SLURRY:	1800	SACKS	CLASS CLASS C	PLUS	.25#/SX FLOCELE AND 15#/SX SALT		
					MIXED AT	12.40	PPG YIELD 2.30 CF/SK
TAIL IN SLURRY:	200	SACKS	CLASS CLASS C	PLUS	2% CaCl2		
					MIXED AT	14.80	PPG YIELD 1.34 CF/SK

## SECOND STAGE

DEPTH STAGE COLLAR: \_\_\_\_\_  
 BUMP PLUG AT \_\_\_\_\_ WITH \_\_\_\_\_ BBLs. @ \_\_\_\_\_ PSI  
 LEAD IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_  
 \_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK  
 TAIL IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_  
 \_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK

ITEM: \_\_\_\_\_ WELLHEAD MAKE: \_\_\_\_\_ TYPE: \_\_\_\_\_ TOP FLANGE: \_\_\_\_\_ OUTLETS: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ WP: \_\_\_\_\_

FOREMAN: STEVE HAYES

## CASING AND CEMENTING REPORT

LEASE & WELL NO. RATTLESNAKE FEDERAL 28 #1

DATE 10/08/95

**CASING RUN: PRODUCTION**

## RKB TO CUTOFF POINT "0" TO 18.00

[illegible]

D.V. TOOL @ \_\_\_\_\_ NO. OF CENTRALIZERS 20

REMARKS : 1 SHOE JT. 44.78', CENT. MID. OF 1ST. THEN EVERY 3RD. CPLG.

## CEMENT REPORT

## FIRST STAGE

DEPTH OF SHOE	9013	TOP OF LINER	
BUMP PLUG AT	0.50	WITH	210
LEAD IN SLURRY:	1388 SACKS	CLASS	50/50 POZ
		PLUS	6% HALAD-9 + 2% GEL + 3#/SK KCL + .4% CFR-2
		MIXED AT	14.40 PPG
TAIL IN SLURRY:		YIELD	1.25 CF/SK
		MIXED AT	PPG
		YIELD	CF/SK

## SECOND STAGE

DEPTH STAGE COLLAR: \_\_\_\_\_

BUMP PLUG AT \_\_\_\_\_ P WITH \_\_\_\_\_ BBLS. @ \_\_\_\_\_ PSI

LEAD IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK

TAIL IN SLURRY: \_\_\_\_\_ SACKS CLASS \_\_\_\_\_ PLUS \_\_\_\_\_ MIXED AT \_\_\_\_\_ PPG YIELD \_\_\_\_\_ CF/SK

ITEM: \_\_\_\_\_ WELLHEAD MAKE: \_\_\_\_\_ TYPE: \_\_\_\_\_ TOP FLANGE: \_\_\_\_\_ OUTLETS: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ WP: \_\_\_\_\_

FOREMAN: T.M.BROWN