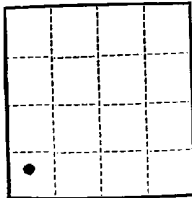


Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. MM-071229
Unit M

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	XX		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 8, 1963

Well No. 1 is located 660 ft. from N line and 660 ft. from E line of sec. 17
SW/4 Sec. 17 8-8 38-E GMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated Roosevelt New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3086.5 ft. Copelan-Federal #1

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 9150': lower portion of hole abandoned in April, 1962 as follows: (9130' of 11.84 4 1/2" csg. orig. set at 9130' w/500 sx cement) set 4 1/2" cement re-tainer at 9000' and squeezed all of Bough C perfs. w/30 sx cement. Mudded up hole w/10# mud from pit. Ran McCullough free point indicator, found 4 1/2" csg. free at 4800'; cut pipe and pulled 4 1/2" csg. Set cem. plug 4830-4880 to permanently abandon lower section. Permission to permanently abandon lower sec. and temp. abandon upper sec. received from Mr. E.W. Standley 3-27-62. We now propose to abandon permanently the upper portion of hole as follows: att. to pull 1600' of 7-5/8" 26.40# csg. set at 4710', cem. w/910 sx. Will set 100' cement plug from surface to 100'; 100' cem. plug 1550-1650; install proper U.S.G.S. marker in 13-3/8" (436.49' 13-3/8" csg., 48# H-40 set at 445.45 w/370 sx reg. neat, 4% gel, 3% Cal-Chlor.) Location to be cleaned up by removing junk, etc., to be made ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Roden Oil Company

Address Box 767

Midland, Texas

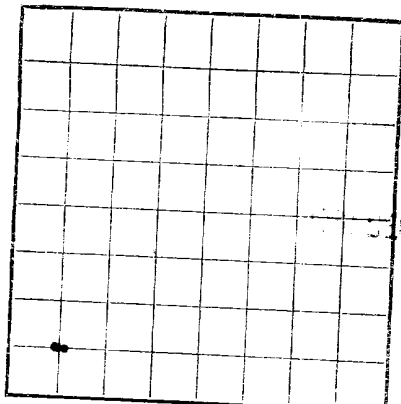
By

Title

Agent

CONDITIONS:

Subject to cement plug from 400 to 500 feet and notify this office prior to commencement of the work so it can be witnessed by the U.S.G.S.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **NM-071229**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Roden Oil Company** Address **Box 767, Midland, Texas**
Lessor or Tract **Copalan-Federal** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **17** T. **8-S** R. **10-W** Meridian **10PM** County **Roosevelt**
Location **660** ft. **N.** of **S.** Line and **960** ft. **E.** of **W.** Line of **Sec. 17** Elevation **3986.5**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **June 8, 1962**Signed **Agent**

The summary on this page is for the condition of the well at above date.

Commenced drilling **September 20, 1962** Finished drilling **November 2, 1961**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4602** to **4652** No. 4, from _____ to _____
No. 2, from **9040** to **9070** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **None** to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	482	3	H-40	445	Halliburton	None			
7-5/8"	26.408	8	J-55	4720	"	None	4603	4640	Surf. cap.
4-1/2"	11.602	3	J-55	9130	"	4800	9023	9060	Intern. Prod.
							9081	9084	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	445	370 4% Gel Circ.	Pump & plug	8.5	
7-5/8"	4710	910 sk	"	8.4	
4-1/2"	9130	500 sk	"	8.5	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to **9150** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. B. Koonce, Driller **R. L. Chapman**, Driller
D. R. Martin, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	2000	2000	Red beds & anhy.
2000	3275	1275	Salt & anhy.
3275	3715	440	Gyp & anhy.
3715	4710	995	Lime
4710	5100	390	Dolomite
5100	5435	335	Lime
5435	5545	110	Lime & sand
5545	6210	335	Lime
6210	6360	150	Lime & sand
6360	7298	938	Lime
7298	7780	482	Shale
7780	8265	485	Lime & shale
8265	8585	320	Lime & chert
8585	9040	455	Lime & shale
9040	9150	110	Lime & shale
			ops:
			Anhydrite 4530
			Gates 3672
			San Andres 3986
			Tubb 6569
			Abc 7324
			Wolfcamp 7981
			Bough "C" 8970
			Bough "D" 9020
			TD

HISTORY OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND SURVEY

9050-9074 - 15 min. I.S.I.P. 2800#
30 min. F.S.I.P. 3150#
Hydr. in 4700#
Hydr. out 4700#
I.P.P. 0
F.P. 175#
Recovered 540 ft. slight gas cut mud

Drill Stem tests:

#1 4609 - 4659' - Very fine cryst. Dol., 6 to 22% oil saturation, 0.4 to 12% porosity, avg. 5%. Perm. avg. 0.5 m.d.

#2 4659 - 4702' - Very fine cryst. Dol. with pin point porosity. 2.2 to 14% oil saturation, avg. 6%. Perm. 1 m.d. 15% porosity. Avg. 7%.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

FROM-	TO-	TOTAL FEET	FORMATION
			San Andres
			Abo
			Bough "C"
			Bough "D"
			9033
			8970
			7359
			3893
			Formation tops: