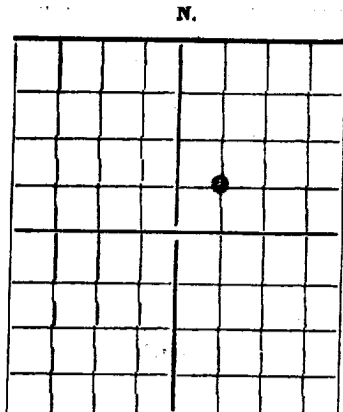


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



**DUPLICATE**

WELL RECORD

**RECORDED**  
NOV 5 1945  
HOBBS, N.M.

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). **SUBMIT IN TRIPLICATE.** FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**N. G. Penrose, Inc.** **Ft. Worth, Texas.**  
Company or Operator Address  
**Rodgers** Well No. **1** in **NE 1/4** of Sec. **12**, T. **22S**  
Lease  
 R. **37E**, N. M. P. M., **wildcat** Field, **Lea** County.  
 Well is **1980** feet south of the North line and **1990** feet west of the East line of **Section 12**  
 If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
 If patented land the owner is **Rodgers et al**, Address **Hobbs, N.M.**  
 If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
 The Lessee is \_\_\_\_\_, Address \_\_\_\_\_  
 Drilling commenced **August 18** 19**45** Drilling was completed **September 27** 19**45**  
 Name of drilling contractor **Yakin Drilling Co.**, Address **Hobbs, New Mexico**  
 Elevation above sea level at top of casing **3353** feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **5125'** to **5190'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **5205'** to **5225'** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
13-3/8	48#	8		149'	Texas				
9-5/8	36#	8		2817'	Larkin float				
7	26# & 23#	10		5109	Larkin float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	149'	150	Plug	9	
11-1/4	9-5/8	2817'	1700	Plug	9	
8-3/4	7	5109	250	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
1000 g		acid	1000 g	10/3-45	5109'-5225'	
4000 g		"	4000 g	10/5/45	" "	

Results of shooting or chemical treatment **increased production approximately 2 barrels per hour**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **surface** feet to **T.D.** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **10/16/45**, 19\_\_\_\_.  
 The production of the first 24 hours was **120** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Roy Fairchild**, Driller **A. V. Cagle**, Driller  
**I. W. Rogers**, Driller \_\_\_\_\_, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this \_\_\_\_\_ day of **Nov**, 19**45**  
 Notary Public. Hobbs, New Mexico Nov 1, 1945  
 Name **Charles P. Miller**  
 Position **Agent**  
 Representing **N. G. Penrose, Inc.**  
 Address **Ft. Worth, Texas**

My Commission expires \_\_\_\_\_

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	surface rock
30	85	55	surface clay and caliche
85	370	285	Red shale
370	450	80	Gray shale
450	575	125	Red shale
575	583	8	Lime and blue shale
583	1055	472	Red beds and shells
1055	1108	53	Red beds and sand streaks
1108	1179	71	Red & blue shale & sand streaks
1179	1200	21	sand and shale
1200	1290	90	shale and anhydrite
1290	2430	1140	Anhydrite and salt
2430	2467	37	Anhydrite
2467	2510	43	Anhydrite and lime
2510	2536	26	Anhydrite
2536	2587	51	Anhydrite and lime
2587	2601	14	Anhydrite
2601	2630	29	Anhydrite and broken lime
2630	2787	157	Anhydrite
2787	2820	33	Lime
2820	3020	200	Anhydrite and lime
3020	3080	60	Lime
3080	3265	185	Lime and anhydrite
3265	3410	145	Lime with shale streaks & anhydrite
3410	3581	171	Lime and anhydrite
3581	4945	1364	Lime
4945	4961	16	Lime and chert
4961	4973	12	Hard sandy lime
4973	4991	18	Lime
4991	5016	25	Sandy lime
5016	5036	20	Lime
5036	5064	28	Sandy lime
5064	5225	161	Lime

T.D. 5225'

D.S.F.

5115'-5195' tool open 3 hours and 10 minutes. Gas to surface in 19 minutes. 10 minute shut in pressure. Recovered 10 stands oil; 4 stands plus 1 single oil out drilling mud. 1 single drl'g. mud. Flowing pressure 450#. shut in pressure 850#