

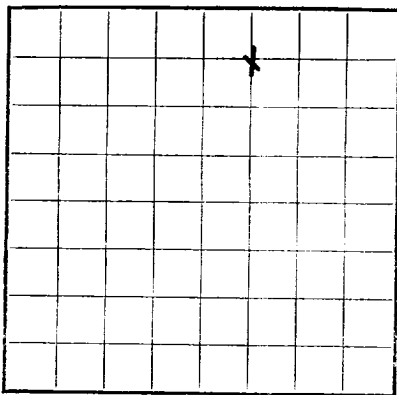
Hobbs

U. S. LAND OFFICE NM 01744

SERIAL NUMBER

Lse

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Rodman-Noel Oil Corporation Address Box 3826, Odessa, Texas
Lessor or Tract Federal Brennan Field Allison (East) State New Mexico
Well No. 2 Sec. 4 T. 9-S R. 37-E Meridian NMPN County Lea
Location 660 ft. S. of N Line and 1930 ft. E. of E Line of Section 4 Elevation 4022
(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.

Signed

Production Superintendent

Date October 2, 1962

Title

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

Commenced drilling August 7, 1962 Finished drilling September 9, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by 'G')

No. 1, from 9622 to 9643 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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—	
x 10-3/4	32.75#	8rd	Used	405#	Tex. Pattern				Surface
7-5/8	26.4#	8rd	J & L	4289#	Baker				Intermediate
4-1/2	11.6#	8rd	J & L	9655#	Baker		9622	9626	Oil String
							9631	9643	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	405	350	Pmp & Plug	NONE	
7-5/8	4289#	350	Pmp & Plug	NONE	
4-1/2	9655#	307	Pmp & Plug	NONE	

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 9655 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 2, 1962 Put to producing September 26, 1962

The production for the first 24 hours was 663 barrels of fluid of which 32.6% was oil; _____% emulsion; 63.8% water; and _____% sediment. Gravity, °Bé. 49°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. O. Large, Driller R. C. Miller, Driller
W. E. Aley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	406	406	Surface Rock & red bed
406	1040	634	Anhydrite, gyp & salt.
1040	1580	540	Red bed and salt
1580	1970	390	Anhydrite
1970	2341	371	Anhydrite & Gyp
2341	2630	289	Anhydrite
2630	3252	622	Anhydrite & Gyp
3252	3648	396	Anhydrite & red bed
3648	3867	219	Anhydrite & Gyp.
3867	4177	310	Anhydrite
4177	4258	81	anhydrite & lime
4258	7653	3395	Lime
7653	7775	122	Lime & Shale
7775	8143	368	Shale
8143	8793	650	Shale & Lime
8793	8897	104	Lime
8897	9005	108	Lime & Sand
9005	9150	145	Lime & Shale
9150	9262	112	Lime
9262	9314	52	Lime & Shale
9314	9655	341	Lime
9655	TD		

(OVER)

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
			7710 T/Abn 9065 T/WoLt camp 9571 T/Bough NBn 9622 T/Bough NCn TOPS

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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.

Spudded: 8:00 P.M.; 8-7-62
Surface Csg: On 8-9-62, set 10-1/4 casing @ 1405 feet and cemented w/350 sks reg. Circulated approximately 20 sks. MOC 24 hrs. Pressure tested w/1000# - held O.K. Water shut-off successful.

011 string: informed. Csg: 08-13-62, set 42881 of 4 5/8 casing. Cmdt w/350 sks reg. Press tested csg w/1200# for 30 mins. Held 0.K.
On 9-11-62, set 9655 of 7 1/2 casing. Cmdt w/300 sks of cmt. Press tested csg w/1000# - Held 0.K. Had temp survey. Top of cmt @ 8025'. WOC 27 hrs. Water shut-off successful.

on 9-13-62 perforated 7-1/2" casing from 9622' to 9626' and 9634' to 9648'.
Acidized w/1000 gals Reg Acid. Swabbed well.
on 9-15-62, re-acidized above perforations w/10,000 gals gelled acid w/24 perf ball

on 9-16-62, swapped back all load.
On 9-18-62, installing Hydraulic Kobe Pump Equipment. On 9-26-62, well potentialled for 183 BOPD plus 480 BOPD. at 52 SPM.

Core No. 1 from 9574' to 9610' - cut 36 feet and rec 33'
DST No. 1 from 9542' to 9610' - packer failed. Pulled out.
DST No. 2 from 9528' to 9610'. Tool open 1-1/2 hrs. Rec 3312' fluid of which
552' salt water cut mud w/ slight gas odor and 2760' SW. 30 MIN ISIP 3510#, 60 MIN
FSP 3475#, ITP 390#, ITP 1510#, Temp 162°.
Core No. 2 from 9610' to 9612'. Cut & rec two feet.
Core No. 3 from 9612' to 9655'. Cut 43' and rec 41'.

Started logging roads.