

Santa Fe

U. S. LAND OFFICE 03547

SERIAL NUMBER

LEASE OR PROSPECT

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICOUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Caulkins Oil Company** Address **Box 780, Farmington, New Mexico**
Lessor or Tract **Breech** Field **Basin Dakota** State **New Mexico**
Well No. **D-1** Sec. **33** T. **27N** R. **6E** Meridian **NMPM** County **Rio Arriba**
Location **990** ft. **N.** of **N** Line and **900** ft. **E.** of **E** Line of **33-27-6** Elevation **6619'**
(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 **Frank B. Early** Title **Superintendent**Date **November 14, 1962**

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

Commenced drilling **9-24**, 19**62** Finished drilling **10-14**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3090** to **3150** **G** No. 4, from _____ to _____
No. 2, from **7320** to **7590** **G** 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—	
9 5/8	40#	8	SH	252'	Baker				
4 1/2	11.6#	8	Nat'l.	545'					
4 1/2	11.6#	8	Nat'l.	545'					
4 1/2	11.6#	8	Nat'l.	545'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	252	200	Halliburton	10#/gal.	circulated
4 1/2	7700	650		9.4#/gal.	

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 **0** feet to **7710** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **11-9**, 19**62**

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 **5254** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **2380**

EMPLOYEES

W. F. Meyer, Driller **E. W. Early, Jr.**, Driller
H. F. Boyd, Driller **Ed Lard**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	252	252	Surface sand, shale and sand
252	4928	4676	Sand and shale
4928	5072	144	Shale
5072	5319	247	Sand and shale
5319	5416	97	Sand
5416	5491	75	Sand and shale
5491	5506	15	Shale
5506	5653	147	Sand and shale
5653	5760	107	Shale
5760	6038	278	Sand and shale
6038	6171	133	Shale
6171	6250	79	Sand and shale
6250	6688	438	shale
6688	7098	410	Sand and shale
7098	7295	197	Shale
7295	7373	78	Sand and shale
7373	7420	47	Sand
7420	7710	290	Sand and shale

FORMATION RECORD--Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

(11-9-62 Potential test. Volume at end of 3 hour test thru 3/4" choke on 2" tubing
was 5254 MCF per day. (CA OF 6543 MCF)

Cementing Record:

2nd stage: Cemented thru shoe with 150 sacks 12% gel cement followed by 100 sacks latex cement. Casing rotated during this stage. Cementing done 10-15-62

2nd stage: Cemented thru stage collar at 5476' with 350 sacks 12% gel cement followed by 50 sacks neat, all containing 12 1/2# gilsonite per sack. Closed stage collar with 2000# pressure.

Formation Tons:

Pictured Cliffs	3090
Cliff House	4741
Monterey	4825
Point Lookout	5336
Toledo	6853
Greenhorn	7234
Black Point	7820

Consenting Records

1. Code	2. Description	3. Unit	4. Quantity	5. Price per unit	6. Total	7. Remarks
7517-7524	4	Weld jets per foot	4			
7540-7552	4	" " "	4			Compare
7562-7576	4	" " "	4			28800
7580-7592	2	" " "	2			
7600-7612	2	" " "	2			

Fracturing Record:

Date _____
 Perforations _____
 Gallons water _____
 Sand 40-60 _____
 Sand 20-40 _____
 Breakdown press. _____
 Injection press. _____
 Injection rate _____
 Inst. ID press. _____

TOP OF OIL OR GAS WELL

First Stage	Second Stage	Third Stage
10-23-62	10-25-62	10-25-62
7517-52	7462-76	7332-7382
27,720	60,880	60,480
26,000#	40,000#	40,000#
	20,000#	25,000#
2200-2000	1700-1500	2200-1500
2000-3900	2900-3300	2900-3500
31 BFM	31 BFM	30 BFM
1500	1700	1700
6300	4620	4620
69# J-100	1 # J-100	35# J-100
5 Allison	5 Allison	5 Allison