

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **44-38861-100**
SERIAL NUMBER **44-38861-100**
LEASE OR PERMIT TO PROSPECT **44-38861-100**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TO THE DIRECTOR
RECEIVED
OCT 21 1962
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20540

LOG OF OIL OR GAS WELL

Company C. A. Culkins Oil Company Address P. O. Box 780, Farmington, N. M.
Lessor or Tract Breech Field Basin Dakota State New Mexico
Well No. D-11 Sec. 35 T. 27N R. 6E Meridian N. M. P. M. County Bird
Location 990 ft. N. of N Line and 2310 ft. E. of E Line of Sec. 35-27-6 Elevation 6602
(Check 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 October 25, 1963 Signed Frank Craig
Title Superintendent

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

Commenced drilling August 7, 1963 Finished drilling August 30, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3190</u> to <u>3225 G</u>	No. 4, from _____ to _____
No. 2, from <u>4864</u> to <u>4925 G</u>	No. 5, from _____ to _____
No. 3, from <u>7384</u> to <u>7650 G</u>	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—	
5/8	4.04	8	J-55	263	Broken				
1 1/2	6.9	8	J-55	948.98					
1 1/2	6.9	8	J-55	3747.70					
1 1/2	6.9	8		826.32					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	263	200	H. Hiburton	10.5#/g. l.	Circulated
1 1/2	7663	630	Dowell	10.5#/g. l.	Circulated

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 76.60 feet, and from _____ feet to _____ feet.

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

DATES

October 25, 1963 Put to producing September 25, 1963

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 5382 MCF *Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2458 *from 3 hr. potential test

EMPLOYEES

M. J. Williams, Driller
H. E. Boyd, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	263	263	Sand and shale
263	549	286	Sand
549	6063	5514	Sand and shale
6063	6144	81	Shale
6144	7431	1287	Sand and shale
7431	7442	11	Sand
7442	7584	142	Sand, shale
7584	7647	63	Sand
7647	7660	13	Sand and shale

[OVER]

[OVER]
 NO INFORMATION RECORDED - CONFIDENTIAL

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
Formation Tops:			
	Pictures Cliffs	3100	
	Cliff House	4804	
	Menslee	4930	
	Tent Lookout	5550	
	Tecate	6943	
	Graneros	7394	
	Dakota	7520	
Perforating Record:			
	7526-7638	4 jets per foot	
	7580-7592	4 jets per foot	
	7526-7542	4 jets per foot	
	7452-7456	2 jets per foot	
	7432-7440	2 jets per foot	
	7403-7418	2 jets per foot	
Fracturing Record:			
Date	9-12-63	9-12-63	9-12-63
Perforations	7580-7638	7526-42	7403-7456
Zone	Dakota	Dakota	Graneros
Gallons water	83,490	88,410	70,056
40-60 sand	45,000	53,000	40,000
20-40 sand	0	0	40,000
SDP	2800	c w/lz	2800
TR	3300-4000	3600-4000	3600-4000
Inj. rate	30	30	30
ISDP	2200	2400	2800
Flush gallons	5980	5900	4620
Chemicals	7# J-2/1000	7# J-2/1000	7# J-2/1000
Equipment	6 Frac. Masters	6 Frac. Masters	6 Frac. Masters
Service co.	9 Eastern	5 Eastern	7 Eastern

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 hauling.

9-19-63 1-56 EUC tubing to 7397 (238 ft.)
 9-25-63 Potential test:

7 day SICP 2456 MCFD
 7 day THTT 2496 MCFD
 3 hr. Flowing GPR 4072 MCFD
 3 hr. Flowing TQ 316 MCFD
 3 hr. Flow volume 4512 MCFD
 C-OF 3302 MCFD

W-1 production ()
 W-2 production ()
 W-3 production ()

W-4 production ()
 W-5 production ()
 W-6 production ()

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 W-54 production ()