

Form 9-330

Budget Bureau No. 42-R355.1.
Navajo Indian Reservation

U. S. LAND OFFICE I-89-Ind-57

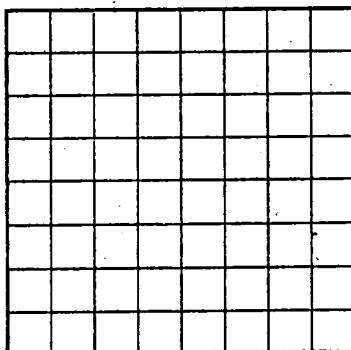
SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

FEB 9 1951

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Shiprock, New Mexico
 Lessor or Tract Table Mesa Field Table Mesa State New Mexico
 Well No. 17 Sec. 3 T. 27N R. 17W Meridian N.M.P.M. County San Juan
 Location 330ft. {N.} of S Line and 2310 {E.} of W Line of Sec. 3 Elevation 5314
 (Denote 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 February 7, 1951Signed W. J. Purser Title District Foreman

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

Commenced drilling Sept. 17, 1950 Finished drilling Jan. 15, Dec. 13, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7502 to 7533 No. 4, from _____ to _____
 No. 2, from 7450 to 7492 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—	
13 3/8	46	82	H-40	703'	Halib.	none			
9 5/8	36	82	J-55	4724	Lucas				
7	23	8R	J-55	4128					
7	23	8R	N-80	2485					
7	26	8R	N-80	1209					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	722'	500	Haliburton		
9 5/8"	4679'	300	"		
7"	7762'	500	"		

ARK

FOLD M

PLUGS AND ADAPTERS

Heaving plug—Material Drillable Length 3' Depth set 7537
 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 7763 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Jan. 8, 1951

The production for the first 24 hours was 207 barrels of fluid of which 92 % was oil; _____ %
 emulsion; 8 % water; and _____ % sediment. Gravity, °Bé. 50.0

If gas well, cu. ft. per 24 hours 9,000 M. Gallons gasoline per 1,000 cu. ft. of gas 0

Rock pressure, lbs. per sq. in. 4020#

EMPLOYEES

Loffland Bros. Co., Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	520	520	Shale
520	722	202	Sandy shale
722	1415	693	Shale
1415	2813	1398	Sandy shale
2813	4024	1211	Sand-Red Bed
4024	4095	71	Shale-Red Bed
4095	4683	588	Sand & shale
4683	5074	391	Sand & Red Bed
5074	5284	210	Sand & shale
5284	5970	686	Shale-Red Bed
5970	5976	6	Lime-Red Bed
5976	6000	24	Shale-Red Bed
6000	6332	332	Lime & Sand
6332	6392	60	Lime & sandy shale
6392	6415	23	Lime & sand
6415	6459	44	Lime & sandy shale
6459	6661	202	Lime & sand
6661	6941	280	Lime
6941	7331	390	Lime & black shale
0	430		Too ito 430
520	1334		Greenhorn 1300 - Dakota 1334
722	1515		Morrison 1515 - Todilto 2553 - Entrada 2563
2813	3176		Chinle 3176
4024	4050		Shinarump 4050
4095	4423		Moenkopi 4423 - Cutler 4436
4683	5070		Rico 5070
5976	5983		Hermosa 5983
6000	7316		Molas 7316

(OVER)

FORMATION RECORD—Continued

FORMATION RECORD—Continued[illegible]

DATE	NO.	DEPTH	DIAMETER	TYPE	LOCATION
1951	100	100	100	100	100
1952	200	200	200	200	200
1953	300	300	300	300	300
1954	400	400	400	400	400
1955	500	500	500	500	500
1956	600	600	600	600	600
1957	700	700	700	700	700
1958	800	800	800	800	800
1959	900	900	900	900	900
1960	1000	1000	1000	1000	1000

HISTORY OF OIL OR GAS WELL

16-43094-1

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 bailing.

This well drilled to a total depth of 7763 feet, Ignacio sand, with rotary tools. Landed 705' of 13 3/8" OD casing at 722', cemented with 500 sax - 4724' of 9 5/8" OD casing at 4879', cemented with 300 sax - 7822 of 7" OD casing at 7762', cemented with 500 sax. Perforated 7450-60, 7463-78, 7484-92 - 7502-08, 7511-17, 7523-33. 2 7/8" EUE tubing landed at 7523'. On 24 hr. test, well produced as follows: 38/64" choke, tubing pressure 1060#, gas rate 9,100 M. cuft., oil production 190 bbls., BS&W 17 bbls. (flowing). Test completed 1-10-51.

OIL OR GAS SANDS OR ZONES

Commenced drilling 1951-10-10. Finished drilling 1951-10-20. Date 1951-10-20. OCK 2-7-51. USGS (2)-JCI (11)-TM-file.

Location 2201' of 2" Pipe and 2201' of 2" Pipe of Sec. 3. Well No. 1. Sec. 3. T. 3. N. R. 1. E. Meridian. County. Owner of Tract. Address. Company.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

LOC OF OIL OR GAS WELL

EXAMINATION BY U. S. GEOLOGICAL SURVEY FEB 9 1951. DEPARTMENT OF THE INTERIOR UNITED STATES RECEIVED. Please send to Bureau to Bureau. SENIOR MEMBER. U. S. LAND OFFICE. 16-43094-1.