

U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER Contract #105
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Bart Building, Dallas, Texas
 Lessor or Tract Jicarilla Field Capitan P. C. State New Mexico
 Well No. 7-A Sec 24 T 26N R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 1100 ft. NE of N Line and 184 1/2 ft. EW of E Line of Section 24 Elevation 7042
 (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 Paul J. Lolote

Date August 11, 1959 Paul J. Cronin, Manager
Drilling and Production

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

Commenced drilling July 7, 1959 Finished drilling July 15, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~370*~~ to ~~375*~~ (G) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	193 KB	120	Halliburton		
5-1/2	381 KB	150	Halliburton		
3"	3656				

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
Port. 370-375						
rubber balls. IN						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

July 27, 1959, 19 Put to producing _____, 19

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 690 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 9,965 **NCPPD**

10194 (7 days) EMPLOYEES

_____, Driller _____, Driller

Floeger Drilling Company, Driller **R. M. Jarman**, Driller

R. L. Lynch INFORMATION RECORD Richard Rogers

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	206	206	Sand and shale
206	546	340	Shale
546	3850 TD	3304	Sand and shale
			TOPS: Pictured Cliffs 3703'
BOTTOM--	LO--	EQUIV LEVEE	AGGRAVATION

[OVER]
LOKUYLION BLOCKED—Continued

16-43094-4

ISSUED FOR PERMIT TO PROSPECT _____
 SECTION NUMBER _____
 U. S. LAND OFFICE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date _____

 Signed _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 Location _____ of _____ of _____
 Sec _____ Twp _____ R. _____ Meridian
 Well No. _____
 Lessor or Tract _____
 Company _____
 Address _____
 State _____

Commenced drilling 10:50. Finished drilling 11:10. The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(Detroit des 19 G)

No. 1, from to
 No. 2, from to
 No. 3, from to
 No. 4, from to
 No. 5, from to
 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

CASTING RECORD

Case	Dee foot	Thence to	Name	(Amount)	Kind of shoe	Kind and kind of material used, position, and results of pumping or palling	Purpose
1	10	10	10	10	10	10	10

HISTORY OF OIL OR GAS WELL

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
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MURKIN AND CEMENTING RECORD

Sl. No.	Particulars	Amount	Debit	Credit	Total
1	By Balance b/d				
2	To Cash				
3	To Bank				
4	To Debtors				
5	To Creditors				
6	To Income				
7	To Expenses				
8	To Drawings				
9	To Capital				
10	To Profit				
11	To Loss				
12	To Dividend				
13	To Interest				
14	To Commission				
15	To Discount				
16	To Other Income				
17	To Other Expenses				
18	To Other Losses				
19	To Other Gains				
20	To Other Items				
21	To Balance c/d				
22	Total				

PLUGS AND ADAPTERS

	Hearing Date - Hearing Room
Docket #	Date Filed

SHOOTING RECORD

Site	Depth (m)	Quantity	Date	Depth cleaned out

U.S. 2002

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATA

10	Put to producing	10
11	parties of fluid of which	11

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM	TO	TOTAL FEES	INFORMATION
100	100	100	100
100	100	100	100
100	100	100	100

FORMATION RECORD-Continued

FORMATION

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