

Form 9-230

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

New Mexico

04591

42

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company John H. Trigg Co. Address P.O. Box 5629 Roswell, N.M.
Lessor or Tract Federal "T" Field E-K Queen State New Mexico
Well No. 3-13 Sec. 13 T. 18S R. 33E Meridian N.M.P.M. County Lea
Location 660 ft. N. of S Line and 2310 ft. E. of W Line of Section Elevation 3931
(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 Hugh W. Pugh, Jr. Title Geologist
Date February 10, 1956

The summary on this page is for the condition of the well at above date.
Commenced drilling December 6, 1955 Finished drilling January 10, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4350 to 4361 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
13-3/8"	44#		Spiral Weld 250'		Texas Pattern			
8-5/8"	25#		J-55		Halliburton Packer Shoe			
5 1/2"	15#							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	250	250	Circulated		
8-5/8"	1638	30			
5 1/2"	4332	175			

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 1638 feet, and from _____ feet to _____ feet
Cable tools were used from 1638 feet to 4361 feet, and from _____ feet to _____ feet

DATES

February 10, 1956 Put to producing January 10, 1956

The production for the first 24 hours was 325 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. E. Jones, Driller W. D. Cape, Driller
C. E. Finehart, Driller _____, Driller

FORMATION RECORD

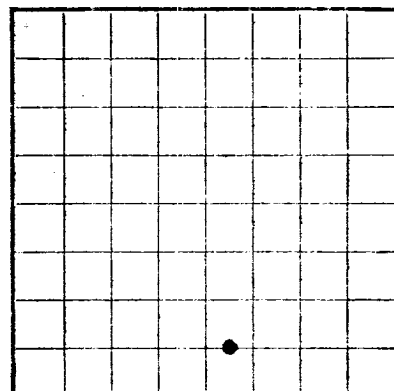
FROM—	TO—	TOTAL FEET	FORMATION
1550	1610	60	Red Beds
1610	1675	65	Anhydrite
1675	1705	30	Anhydrite & Dolomite
1705	1740	35	Anhydrite
1740	1775	35	Salt & Anhydrite
1775	1840	65	Anhydrite, salt, dolomite
1840	1860	20	Red Sand
1860	1875	15	Anhydrite, salt, polyhalite
1875	1900	25	Salt, sand, anhydrite
1900	2760	860	Salt, some polyhalite
2760	2775	15	Anhydrite
2775	2930	155	Salt, some polyhalite
2930	3115	185	Anhydrite, trace red beds & salt
3115	3150	35	Anhydrite, fine red sand, some red shale
3150	3168	18	Anhydrite
3168	3270	102	Anhydrite, fine red sand, some red shale
3270	3285	15	Anhydrite & tan dolomite
3285	3420	135	Anhydrite - fine red sand
3420	3450	30	Anhydrite, fine red sand, tan dolomite
3450	3465	15	Anhydrite, red beds, stringers
3465	3520	55	Anhydrite, some dolomite & salt
3520	3535	15	Anhydrite & tan dolomite w/ sho oil
3535	3590	55	Fine red sand & polyhalite
3590	4200	610	Anhydrite & dolomite, some sand & shale

FORMATION RECORD—Continued

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE
New Mexico

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Date February 10, 1936
 Signed _____
 Title _____
 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.
 Location _____ of _____ Line and _____ ft. E. of _____ Line of _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian
 Lessor or Tract Federal W.T.
 Company _____
 John H. Trapp Co.
 Address _____
 P.O. Box 2622 Lowell, Mass.
 State _____
 County _____
 Elevation _____
 Section _____
 Line of _____
 (Feet) _____
 New Mexico

Commenced drilling December 6, 1955 Finished drilling January 10, 1956

OIL OR GAS SANDS OR ZONES

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

(Denote page by G)

IMPORTANT WATER SANDS

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

CASING RECORD

Casing per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
						From—	To—	
1-35		1-35	1-35	1-35	1-35	1-35	1-35	1-35
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 abandoned or left in the well, state its size and location. If the well has been abandoned, 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 balling.								
HISTORY OF OIL OR GAS WELL								
10-30964-2 U. S. GOVERNMENT PRINTING OFFICE								

MUDDING AND CEMENTING RECORD

Year	Number of cases	Method used	Final result	Remarks
1950	1	Excision	Healed	
1951	1	Excision	Healed	
1952	1	Excision	Healed	
1953	1	Excision	Healed	
1954	1	Excision	Healed	
1955	1	Excision	Healed	
1956	1	Excision	Healed	
1957	1	Excision	Healed	
1958	1	Excision	Healed	
1959	1	Excision	Healed	
1960	1	Excision	Healed	
1961	1	Excision	Healed	
1962	1	Excision	Healed	
1963	1	Excision	Healed	
1964	1	Excision	Healed	
1965	1	Excision	Healed	
1966	1	Excision	Healed	
1967	1	Excision	Healed	
1968	1	Excision	Healed	
1969	1	Excision	Healed	
1970	1	Excision	Healed	
1971	1	Excision	Healed	
1972	1	Excision	Healed	
1973	1	Excision	Healed	
1974	1	Excision	Healed	
1975	1	Excision	Healed	
1976	1	Excision	Healed	
1977	1	Excision	Healed	
1978	1	Excision	Healed	
1979	1	Excision	Healed	
1980	1	Excision	Healed	
1981	1	Excision	Healed	
1982	1	Excision	Healed	
1983	1	Excision	Healed	
1984	1	Excision	Healed	
1985	1	Excision	Healed	
1986	1	Excision	Healed	
1987	1	Excision	Healed	
1988	1	Excision	Healed	
1989	1	Excision	Healed	
1990	1	Excision	Healed	
1991	1	Excision	Healed	
1992	1	Excision	Healed	
1993	1	Excision	Healed	
1994	1	Excision	Healed	
1995	1	Excision	Healed	
1996	1	Excision	Healed	
1997	1	Excision	Healed	
1998	1	Excision	Healed	
1999	1	Excision	Healed	
2000	1	Excision	Healed	
2001	1	Excision	Healed	
2002	1	Excision	Healed	
2003	1	Excision	Healed	
2004	1	Excision	Healed	
2005	1	Excision	Healed	
2006	1	Excision	Healed	
2007	1	Excision	Healed	
2008	1	Excision	Healed	
2009	1	Excision	Healed	
2010	1	Excision	Healed	
2011	1	Excision	Healed	
2012	1	Excision	Healed	
2013	1	Excision	Healed	
2014	1	Excision	Healed	
2015	1	Excision	Healed	
2016	1	Excision	Healed	
2017	1	Excision	Healed	
2018	1	Excision	Healed	
2019	1	Excision	Healed	
2020	1	Excision	Healed	

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	0	feet to	1602	feet and from	feet to
Cable tools were used from	1602	feet to	1601	feet and from	feet to

DATE

Item	January 10, 1956	February 10, 1956
Gas well cu. ft. per 24 hours	1,000	1,000
Emulsion; % water; and % sediment	0	0
Production for the first 24 hours was	100	100
Barrels of fluid of which 100 % was oil; %	100	100
Gravity, °Bé.	36	36
Tallons gasoline per 1,000 cu. ft. of gas	100	100
Put to producing	January 10, 1956	February 10, 1956

EMPLOYEES

Driller		Driller	
Driller		Driller	

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
Red shale	60	1610	1550
Anhydrite	62	1672	1610
Anhydrite & dolomite	30	1702	1672
Anhydrite	32	1734	1702
Salt & anhydrite	32	1766	1734
Anhydrite, salt, dolomite	32	1800	1766
Red sand	30	1830	1800
Anhydrite, salt, polyhalite	12	1842	1830
Salt, sand, anhydrite	32	1900	1842
Salt, some polyhalite	880	2780	1900
Anhydrite	12	2792	2780
Salt, some polyhalite	12	2804	2792
Anhydrite, coarse red sand & salt	18	2822	2804
Anhydrite, fine red sand, some red s	32	2854	2822
Anhydrite	10	2864	2854
Anhydrite, fine red sand, some red s	100	2964	2864
Anhydrite & tan dolomite	12	2976	2964
Anhydrite - fine red sand	30	3006	2976
Anhydrite, fine red sand, tan dolom	30	3036	3006
Anhydrite & gray shale	42	3078	3036
fine red sand	42	3120	3078
Anhydrite, dolomite & gray shale	42	3162	3120
Anhydrite & tan dolomite w/ and oil	42	3204	3162
fine red sand	42	3246	3204
Anhydrite & dolomite, some sand & s	42	3288	3246
	42	3330	3288
	42	3372	3330
	42	3414	3372
	42	3456	3414
	42	3498	3456
	42	3540	3498
	42	3582	3540
	42	3624	3582
	42	3666	3624
	42	3708	3666
	42	3750	3708
	42	3792	3750
	42	3834	3792
	42	3876	3834
	42	3918	3876
	42	3960	3918
	42	4002	3960
	42	4044	4002
	42	4086	4044
	42	4128	4086
	42	4170	4128
	42	4212	4170
	42	4254	4212
	42	4296	4254
	42	4338	4296
	42	4380	4338
	42	4422	4380
	42	4464	4422
	42	4506	4464
	42	4548	4506
	42	4590	4548
	42	4632	4590
	42	4674	4632
	42	4716	4674
	42	4758	4716
	42	4800	4758
	42	4842	4800
	42	4884	4842
	42	4926	4884
	42	4968	4926
	42	5010	4968
	42	5052	5010
	42	5094	5052
	42	5136	5094
	42	5178	5136
	42	5220	5178
	42	5262	5220
	42	5304	5262
	42	5346	5304
	42	5388	5346
	42	5430	5388
	42	5472	5430
	42	5514	5472
	42	5556	5514
	42	5598	5556
	42	5640	5598
	42	5682	5640
	42	5724	5682
	42	5766	5724
	42	5808	5766
	42	5850	5808
	42	5892	5850
	42	5934	5892
	42	5976	5934
	42	6018	5976
	42	6060	6018
	42	6102	6060
	42	6144	6102
	42	6186	6144
	42	6228	6186
	42	6270	6228
	42	6312	6270
	42	6354	6312
	42	6396	6354
	42	6438	6396
	42	6480	6438
	42	6522	6480
	42	6564	6522
	42	6606	6564
	42	6648	6606
	42	6690	6648
	42	6732	6690
	42	6774	6732
	42	6816	6774
	42	6858	6816
	42	6900	6858
	42	6942	6900
	42	6984	6942
	42	7026	6984
	42	7068	7026
	42	7110	7068
	42	7152	7110
	42	7194	7152
	42	7236	7194
	42	7278	7236
	42	7320	7278
	42	7362	7320
	42	7404	7362
	42	7446	7404
	42	7488	7446
	42	7530	7488
	42	7572	7530
	42	7614	7572
	42	7656	7614
	42	7698	7656
	42	7740	7698
	42	7782	7740
	42	7824	7782
	42	7866	7824
	42	7908	7866
	42	7950	7908
	42	7992	7950
	42	8034	7992
	42	8076	8034
	42	8118	8076
	42	8160	8118
	42	8202	8160
	42	8244	8202
	42	8286	8244
	42	8328	8286
	42	8370	8328
	42	8412	8370
	42	8454	8412
	42	8496	8454
	42	8538	8496
	42	8580	8538
	42	8622	8580
	42	8664	8622
	42	8706	8664
	42	8748	8706
	42	8790	8748
	42	8832	8790
	42	8874	8832
	42	8916	8874
	42	8958	8916
	42	9000	8958
	42	9042	9000
	42	9084	9042
	42	9126	9084
	42	9168	9126
	42	9210	9168
	42	9252	9210
	42	9294	9252
	42	9336	9294
	42	9378	9336
	42	9420	9378
	42	9462	9420
	42	9504	9462
	42	9546	9504
	42	9588	9546
	42	9630	9588
	42	9672	9630
	42	9714	9672
	42	9756	9714
	42	9798	9756
	42	9840	9798
	42	9882	9840
	42	9924	9882
	42	9966	9924
	42	10008	9966
	42	10050	10008
	42	10092	10050
	42	10134	10092
	42	10176	10134
	42	10218	10176
	42	10260	10218
	42	10302	10260
	42	10344	10302
	42	10386	10344
	42	10428	10386
	42	10470	10428
	42	10512	10470
	42	10554	10512
	42	10596	10554
	42	10638	10596
	42	10680	10638
	42	10722	10680
	42	10764	10722
	42	10806	10764
	42	10848	10806
	42	10890	10848
	42	10932	10890
	42	10974	10932
	42	11016	10974
	42	11058	11016
	42	11100	11058
	42	11142	11100
	42	11184	11142
	42	11226	11184
	42	11268	11226
	42	11310	11268
	42	11352	11310
	42	11394	11352
	42	11436	11394
	42	11478	11436
	42	11520	11478
	42	11562	11520
	42	11604	11562
	42	11646	11604
	42	11688	11646
	42	11730	11688
	42	11772	11730
	42	11814	11772
	42	11856	11814
	42	11898	11856
	42	11940	11898
	42	11982	11940
	42	12024	11982
	42	12066	12024
	42	12108	12066
	42	12150	12108
	42	12192	12150
	42	12234	12192
	42	12276	12234
	42	12318	12276
	42	12360	12318
	42	12402	12360
	42	12444	12402
	42	12486	12444
	42	12528	12486
	42	12570	12528
	42	12612	12570
	42	12654	12612
	42	12696	12654
	42	12738	12696
	42	12780	12738
	42	12822	12780
	42	12864	12822
	42	12906	12864
	42	12948	12906
	42	12990	12948
	42	13032	12990
	42	13074	13032
	42	13116	13074
	42	13158	13116
	42	13200	13158
	42	13242	13200
	42	13284	13242
	42	13326	13284
	42	13368	13326
	42	13410	13368
	42	13452	13410
	42	13494	13452
	42	13536	13494
	42	13578	13536
	42	13620	13578
	42	13662	13620
	42	13704	13662
	42	13746	13704
	42	13788	13746
	42	13830	13788
	42	13872	13830
	42	13914	13872
	42	13956	13914
	42	14000	13956
	42	14040	14000
	42	14080	14040
	42	14120	14080
	42	14160	14120
	42	14200	14160
	42	14240	14200
	42	14280	14240
	42	14320	14280
	42	14360	14320
	42	14400	14360
	42	14440	14400
	42	14480	14440
	42	14520	14480
	42	14560	14520
	42	14600	14560
	42	14640	14600
	42	14680	14640
	42	14720	14680
	42	14760	14720
	42	14800	14760
	42	14840	14800
	42	14880	14840
	42	14920	14880
	42	14960	14920
	42	15000	14960
	42	15040	15000
	42	15080	15040
	42	15120	15080
	42	15160	15120
	42	15200	15160
	42	15240	15200
	42	15280	15240
	42	15320	15280
	42	15360	15320
	42	15400	15360
	42	15440	15400
	42	15480	15440
	42	15520	15480
	42	15560	15520
	42	15600	15560
	42	15640	15600
	42	15680	15640
	42	15720	15680
	42	15760	15720
	42	15800	15760
	42	15840	15800
	42	15880	15840
	42	15920	15880
	42	15960	15920
	42	16000	15960
	42	16040	16000
	42	16080	16040
	42	16120	16080
	42	16160	16120
	42	16200	16160
	42	16240	16200
	42	16280	16240
	42	16320	16280
	42	16360	16320
	42	16400	16360
	42	16440	16400
	42	16480	16440
	42	16520	16480
	42	16560	16520
	42	16600	16560
	42	16640	16600
	42	16680	16640
	42	16720	16680
	42	16760	16720
	42	16800	16760
	42	16840	16800
	42	16880	16840
	42	16920	16880
	42	16960	16920
	42	17000	16960
	42	17040	17000
	42	17080	17040
	42	17120	17080