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Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER

SF-071951

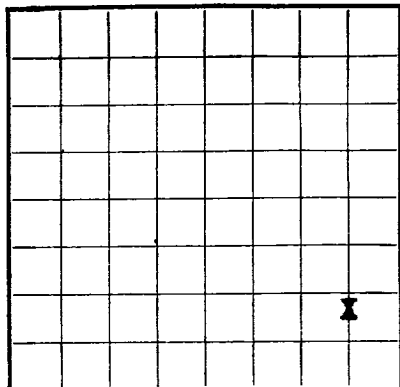
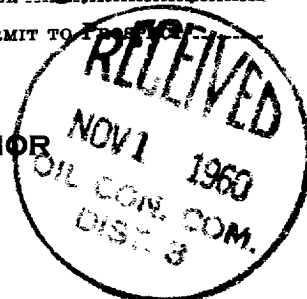
LEASE OR PERMIT TO PRODUCE

U. S. GEOLOGICAL SURVEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Compass Exploration Address 1645 Court Place, Denver, Colorado
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1-7 Sec. 7 T. 24N R. 7W Meridian 10PM County Pio Arriba
Location 990 ft. N of S Line and 990 ft. E of E Line of Sec 7 Elevation 7344
(Derriek 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

Title Consulting EngineerDate October 20, 1960

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

Commenced drilling _____, 19____ Finished drilling 6-23, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7186 to 7210 G No. 4, from _____ to _____
No. 2, from 7238 to 7266 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—	
<u>8-5/8</u>	<u>264</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>Pump-plug</u>	<u>7331</u>			
<u>4 1/2</u>	<u>7330</u>	<u>250</u>	<u>250</u>	<u>250</u>	<u>Pump-plug</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>264</u>	<u>200</u>	<u>Pump-plug</u>		
<u>4 1/2</u>	<u>7330</u>	<u>250</u>	<u>Pump-plug</u>		

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
<u>See Sundry Notice for detailed Report</u>						
<u>54,768 gal gal water 50,000# 20-40 sd 10,000 # 10-20 sd 75 rubber balls</u>						

TOOLS USED

Rotary tools were used from surface feet to 7331 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-6, 1960 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 2,248,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. Tag 2120 Tag 2115 CAOF 2485 MCF

EMPLOYEES

Antledge Drig Co, Driller xxxx Contractor, Pete Farrelly, Geologist
Cheyenne Johnson, Driller T. A. Dugan, _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Pictured Cliffs</u> <u>2674</u>
			<u>Levis</u> <u>2750</u>
			<u>Mesa Verde</u> <u>3472</u>
			<u>Mancos</u> <u>5208</u>
			<u>Callup</u> <u>6016</u>
			<u>Greenhorn</u> <u>6929</u>
			<u>Graneros</u> <u>6978</u>
			<u>Dakota</u> <u>7107</u>
LEOR—	LO—	LOLVF FEET	LOERVATION

FORMATION RECORD—Continued

1000

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2015 JAN 14 PM 2

NOTHING TO FEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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 _____
Date _____

Title _____
Company _____

Location _____
Well No. _____
Section _____ T. _____ R. _____ Meridian _____
of _____ Line and _____ W. _____
of _____ Line of _____ Sec _____ Elevation _____
County _____ State _____ Field _____
Address _____
_____ Denver, Colorado

Commenced drilling _____ 19____
 Finished drilling _____ 19____
 The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(G) and (H)

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

IMPORTANT WATER SANDS

----- No. 3 from ----- to ----- No. 3 from -----
----- No. 4 from ----- to ----- No. 4 from -----

CASING RECORD

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 has been 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 pigs or bridges were put in to test for water, state kind or material used, position, and results of pumping or balling.					
Casing Size per foot	Thickness per inch	Makes	Amount	Kind of shoe	Cut and drilled from
From—	To—	Purposes			

HISTORY OF OIL OR GAS WELL.

Slack Casting	Method set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1-3-25	1-3-25	100	1-3-25		
1-3-25	1-3-25	100	1-3-25		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

Rate	Kind used	Explosive used	Quantity	Date	Depth shot	Depth measured and
1.50	100 lbs	100 lbs	100 lbs	100 lbs	100 lbs	100 lbs

TOOLS USED

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

SETAD

Rock pressure, lbs. per sq. in.	10-15	10-15
If gas well, cu. ft. per 24 hours	5,000-10,000	5,000-10,000
Emulsion; % water; and % sediment		
The production for the first 24 hours was		
..... % of fluid of which % was oil:		
Gravity, ° Bé.		
Gallons gasoline per 1,000 cu. ft. of gas		
Put to producing	10-15	10-15

EMPLOYEES

Chavonne Johnson	Diller	T. A. Dugan	(Diller)
James Earl Ray	Diller	late Diller	Cosgrove, Diller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120 1130 1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 4210 4220 4230 4240 4250 4260 4270 4280 4290 4300 4310 4320 4330 4340 4350 4360 4370 4380 4390 4400 4410 4420 4430 4440 4450 4460 4470 4480 4490 4500 4510 4520 4530 4540 4550 4560 4570 4580 4590 4600 4610 4620 4630 4640 4650 4660 4670 4680 4690 4700 4710 4720 4730 4740 4750 4760 4770 4780 4790 4800 4810 4820 4830 4840 4850 4860 4870 4880 4890 4900 4910 4920 4930 4940 4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5100 5110 5120 5130 5140 5150 5160 5170 5180 5190 5200 5210 5220 5230 5240 5250 5260 5270 5280 5290 5300 5310 5320 5330 5340 5350 5360 5370 5380 5390 5400 5410 5420 5430 5440 5450 5460