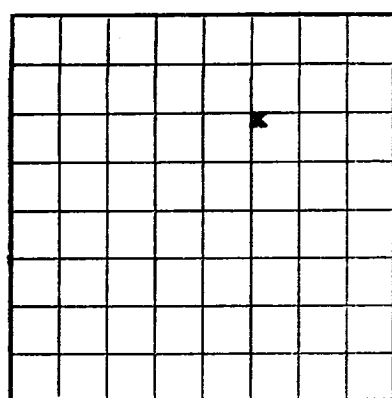


Form 9-380



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Colorado Oil & Gas Corp.** Address **P. O. Box 1087, Colorado Springs, Colo.**
Lessor or Tract **Less. State** **Wildcat** State **New Mexico**
Well No. **4** Sec. **27** T. **11N** R. **4E** Meridian **10N** County **Rio Arriba**
Location **1524 ft. (S) of 1/4 Line and 1774 ft. (W) of 1/2 Line of Sec. 27** Elevation **6805 ft. (GL)**
(Denotes 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 **Fred P. White** Title **Asst. to Gas Engineer**

Date **October 2, 1952** The summary on this page is for the condition of the well at above date.
Commenced drilling **October 12, 1951** Finished drilling **September 16, 1952**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from **1524** to **3692** No. 4, from _____ to _____
No. 2, from **3740** to **3863** 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 foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
13-3/8"	54.5	8 Round	J-55	500'	Open End			Surface
10-3/4"	40.5	8 Round	J-55	3692'	House type shoe			Water shut off
7"	27	8 Round	J-55	3690'	House Formation Packoff shoe			Production
5-1/2"	15	8 Round	J-55	117'	House type "L" Liner Shoe			Liner from
								3619 to 3736
2-3/8"	4.7	8 Round	J-55	3864'				Tubing String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	500	150 Sks.			
10-3/4"	962	50 Sks.			
7"	3690	200 Sks.			
5-1/2"	3619 to 3736	135 Sks.			

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
4-1/2"	42	Nitroglycerine	964 lbs.	7/23	3752 to 4003	

TOOLS USED

Rotary tools were used from **1445** feet to **4011** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **1445** feet, and from **0** feet to **4011** feet

DATES

September 20, 19**52** 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 **171,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **735#**

EMPLOYEES

D. S. Bond, Driller **W. H. Smith**, Driller
J. H. Moses, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	750	750	Sandy Shale
750	1000	250	Sand & Shale
1000	1230	230	Shale
1230	1440	210	Sand with Shale Lenses
1440	1730	290	Shale with Sand Lenses
1730	2400	670	Sand & Shale
2400	2430	30	Sand
2430	2520	90	Shale
2520	2590	70	Sand with Shale Lenses
2590	2970	380	Shale with Sand Lenses
2970	3150	280	Sand with Shale Lenses
3150	3228	78	Shale
3228	3285	57	Ojo Alamo (Top 3228, Base 3285, Brn. Sand Stone & Shale
3285	3490	205	Kirtland Shale
3490	3628	138	Top of Fruitland 3490, Shale with Sand Lenses
3628	3692	64	Sand with Shale Lenses
3692	3730	38	Coal with Shale & Sand Lenses
3730	3830	100	Top of Pictured Cliffs 3730, Silty Gray Sand
3830	4011	181	Shale with Sand Lenses. T. D. 4011

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
32.0	31.0	1.0	...
31.0	30.0	1.0	...
30.0	29.0	1.0	...
29.0	28.0	1.0	...
28.0	27.0	1.0	...
27.0	26.0	1.0	...
26.0	25.0	1.0	...
25.0	24.0	1.0	...
24.0	23.0	1.0	...
23.0	22.0	1.0	...
22.0	21.0	1.0	...
21.0	20.0	1.0	...
20.0	19.0	1.0	...
19.0	18.0	1.0	...
18.0	17.0	1.0	...
17.0	16.0	1.0	...
16.0	15.0	1.0	...
15.0	14.0	1.0	...
14.0	13.0	1.0	...
13.0	12.0	1.0	...
12.0	11.0	1.0	...
11.0	10.0	1.0	...
10.0	9.0	1.0	...
9.0	8.0	1.0	...
8.0	7.0	1.0	...
7.0	6.0	1.0	...
6.0	5.0	1.0	...
5.0	4.0	1.0	...
4.0	3.0	1.0	...
3.0	2.0	1.0	...
2.0	1.0	1.0	...
1.0	0.0	1.0	...

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 were any changes made in the casing, state fully, and if any casing was attached 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.

9-25-51 Notice of intention to drill submitted by Standard. Approved by T. H. Smith of U.S.G. 9-26-51 Spudded well; drilled with cable tools from 0 to 1445 feet, moved rotary tools to on well, considerable water seepage, flashing, and previous dry hole experience in area rendered decision for abandonment. 9-6-52 Well assigned by Standard to Colorado Oil & Gas by letter agreement. C.O.G. C. 6-7-52 Cemented 962', 10-3/4" casing 4/50 lbs. Water shut off. 7-6-52 DST 3586-3740, gas to surface 5 min. and 25 min. 519 MCF, flow pressure 630%, SIP 1180%, 1130' OCM. 7-7-52 DST 3739-3863, gas to surface 2-1/2 min., and 15 min. 747 MCF, flow pressure 225%, SIP 1370%, 225' OCM. 7-8-52 DST 3862-3943, weak blow, died at 15 min. 7-10-52 DST 3943-4003, weak blow 20 minutes, died; ran Schlumberger. 7-11-52 Ran Gamma Ray and Neutron Log. 7-16-52 Set in 2 1/2" casing 3690 W/200 lbs. cement. 7-21-52 Shot pictured clitter sand from 1752 to 4003 W/964 lbs. nitro. 7-24-52 Rotary tools moved off; cable tools moved in to clean out and complete well. 8-6-52 Clean-out trouble; hole in casing, balling stuck, flashing. 8-7-52 Squeezed hole in casing, balling stuck, flashing. 8-11-52 Squeezed hole again in preparation to running 5-1/2" liner. Used 110 lbs. cement. 8-19-52 Hole caving badly, cleaning out to run liner. 8-23-52 Set liner from 3615 to 3733 W/15 lbs. Water coming in. Squeezed top of liner W/100 lbs. cement. Water shut off. 9-8-52 Hole still caving; several attempts to stop have failed. 9-16-52 Caving stopped. Set 2-3/4" on 4-7/8" casing to 3864', moved tools out. 9-20-52 Well cased 17 1/2" MCF gas per day, SIP 715%. Flowing every third day to clean up water and sand.

LOG ON OR OFF WELL

GET LOG ON OR OFF WELL

DEPARTMENT OF THE INTERIOR

OFFICE OF OIL AND GAS

U.S. GOVERNMENT PRINTING OFFICE