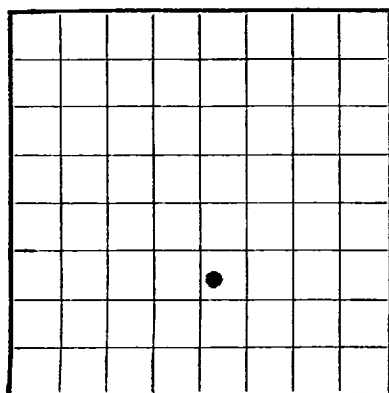
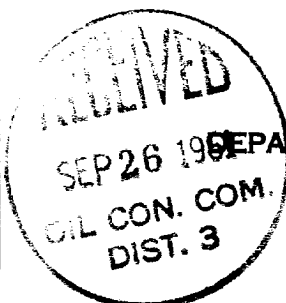


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078463A**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company CONSOLIDATED OIL & GAS, INC. Address 2112 Tower Building, 1700 Broadway
 Lessor or Tract None Field Denver 2, Colo. State New Mexico
 Well No. 1-27 Sec. 27 T. 31N R. 13W Meridian San Juan NPM County San Juan
 Location 1760 ft. N. of 2 Line and 2310 ft. E. of 2 Line of Section 27 Elevation 5996'
(Derrick Box relative to local 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 September 22, 1961 Title _____

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

Commenced drilling August 2, 1961 Finished drilling September 2, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

C No. 1, from ~~6282~~ to ~~6390~~ 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. 2, from _____ to _____
 No. 3, 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—	
10 3/4	32.75	8	H-40	185	Guide				Surface
5 1/2	144.25	8	H-41	5450	Flow		6300	6315	Production
							6321	6338	
							6342	6359	Range pt.
							6367		
							6382		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	185	190 2X CaCl ₂	Pump & Plug		
5 1/2	6430	125 plus 1/2 cu.ft.	Pump & Plug		
		Servato-Crete/sk thru shoe			
		172 50% Al ₂ O ₃ 55% CaCl ₂		1.25	

PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 75-6392 Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand water frac 2/750 gal. 192 acid, 140,000# sand & 134,400 gal. water in two stages						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 6450 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing -----, 19-----
 The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %
 3 hour Initial Potential Test emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

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

Rock pressure, lbs. per sq. in. _____ **2600 MCF/rate**

2047 SEEMPLOYERS? 3084 NCED

....., Driller , Driller
Huron Drilling Company , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Log Tops: Pictured Cliffs 1703 (#3906) Mesaverde 3264 (#2345) Cliffhouse 3318 (#2291) Manafee 3540 (#2069) Pt. Lookout 4090 (#1519) Mancos 4439 (#1170) Greenhorn 6160 (- 551) Dakota 6282 (- 673)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company

Lessor or Trust

Well No.

Location

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

The summary on this page is for the production of the well and is not to be used for any other purpose.

Commenced drilling

OIL OR GAS SANDS OR ZONES

SEE ATTACHED WATER SANDS

CASING RECORD

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.

MUDGING AND CEMENTING RECORD				MUDGING AND CEMENTING RECORD	
Size casing	Water used	Material used	Amount of mud used	Size casing	Water used
10 1/2	150	100 lb. cement	1000 gal. mud	10 1/2	150
8	100	50 lb. cement	500 gal. mud	8	100
6	50	25 lb. cement	250 gal. mud	6	50
4	25	12 1/2 lb. cement	125 gal. mud	4	25
3	12 1/2	6 1/4 lb. cement	62 1/2 gal. mud	3	12 1/2
2	6 1/4	3 1/8 lb. cement	31 1/4 gal. mud	2	6 1/4
1	3 1/8	1 5/16 lb. cement	15 5/8 gal. mud	1	3 1/8
1/2	1 5/16	7/32 lb. cement	7 5/16 gal. mud	1/2	1 5/16
3/8	7/32	7/64 lb. cement	7/32 gal. mud	3/8	7/32
1/4	7/64	7/128 lb. cement	7/128 gal. mud	1/4	7/64
1/8	7/128	7/2048 lb. cement	7/2048 gal. mud	1/8	7/128
1/16	7/2048	7/4096 lb. cement	7/4096 gal. mud	1/16	7/4096
1/32	7/4096	7/8192 lb. cement	7/8192 gal. mud	1/32	7/8192
1/64	7/8192	7/16384 lb. cement	7/16384 gal. mud	1/64	7/16384
1/128	7/16384	7/32768 lb. cement	7/32768 gal. mud	1/128	7/32768
1/256	7/32768	7/65536 lb. cement	7/65536 gal. mud	1/256	7/65536
1/512	7/65536	7/131072 lb. cement	7/131072 gal. mud	1/512	7/131072
1/1024	7/131072	7/262144 lb. cement	7/262144 gal. mud	1/1024	7/262144
1/2048	7/262144	7/524288 lb. cement	7/524288 gal. mud	1/2048	7/524288
1/4096	7/524288	7/1048576 lb. cement	7/1048576 gal. mud	1/4096	7/1048576
1/8192	7/1048576	7/2097152 lb. cement	7/2097152 gal. mud	1/8192	7/2097152
1/16384	7/2097152	7/4194304 lb. cement	7/4194304 gal. mud	1/16384	7/4194304
1/32768	7/4194304	7/8388608 lb. cement	7/8388608 gal. mud	1/32768	7/8388608
1/65536	7/8388608	7/16777216 lb. cement	7/16777216 gal. mud	1/65536	7/16777216
1/131072	7/16777216	7/33554432 lb. cement	7/33554432 gal. mud	1/131072	7/33554432
1/262144	7/33554432	7/67108864 lb. cement	7/67108864 gal. mud	1/262144	7/67108864
1/524288	7/67108864	7/134217728 lb. cement	7/134217728 gal. mud	1/524288	7/134217728
1/1048576	7/134217728	7/268435456 lb. cement	7/268435456 gal. mud	1/1048576	7/268435456
1/2097152	7/268435456	7/536870912 lb. cement	7/536870912 gal. mud	1/2097152	7/536870912
1/4194304	7/536870912	7/1073741824 lb. cement	7/1073741824 gal. mud	1/4194304	7/1073741824
1/8388608	7/1073741824	7/2147483648 lb. cement	7/2147483648 gal. mud	1/8388608	7/2147483648
1/16777216	7/2147483648	7/4294967296 lb. cement	7/4294967296 gal. mud	1/16777216	7/4294967296
1/33554432	7/4294967296	7/8589934592 lb. cement	7/8589934592 gal. mud	1/33554432	7/8589934592
1/67108864	7/8589934592	7/17179869184 lb. cement	7/17179869184 gal. mud	1/67108864	7/17179869184
1/134217728	7/17179869184	7/34359738368 lb. cement	7/34359738368 gal. mud	1/134217728	7/34359738368
1/268435456	7/34359738368	7/68719476736 lb. cement	7/68719476736 gal. mud	1/268435456	7/68719476736
1/536870912	7/68719476736	7/137438953472 lb. cement	7/137438953472 gal. mud	1/536870912	7/137438953472
1/1073741824	7/137438953472	7/274877906944 lb. cement	7/274877906944 gal. mud	1/1073741824	7/274877906944
1/2147483648	7/274877906944	7/549755813888 lb. cement	7/549755813888 gal. mud	1/2147483648	7/549755813888
1/4294967296	7/549755813888	7/1099511627776 lb. cement	7/1099511627776 gal. mud	1/4294967296	7/1099511627776
1/8589934592	7/1099511627776	7/2199023255552 lb. cement	7/2199023255552 gal. mud	1/8589934592	7/2199023255552
1/17179869184	7/2199023255552	7/4398046511104 lb. cement	7/4398046511104 gal. mud	1/17179869184	7/4398046511104
1/34359738368	7/4398046511104	7/8796093022208 lb. cement	7/8796093022208 gal. mud	1/34359738368	7/8796093022208
1/68719476736	7/8796093022208	7/17592186044416 lb. cement	7/17592186044416 gal. mud	1/68719476736	7/17592186044416
1/137438953472	7/17592186044416	7/35184372088832 lb. cement	7/35184372088832 gal. mud	1/137438953472	7/35184372088832
1/273677841936	7/35184372088832	7/70368744177664 lb. cement	7/70368744177664 gal. mud	1/273677841936	7/70368744177664
1/547355683872	7/70368744177664	7/140737488355328 lb. cement	7/140737488355328 gal. mud	1/547355683872	7/140737488355328
1/1094711367744	7/140737488355328	7/281474976710656 lb. cement	7/281474976710656 gal. mud	1/1094711367744	7/281474976710656
1/2189422735488	7/281474976710656	7/562949953421312 lb. cement	7/562949953421312 gal. mud	1/2189422735488	7/562949953421312
1/4378845470976	7/562949953421312	7/1125899906842624 lb. cement	7/1125899906842624 gal. mud	1/4378845470976	7/1125899906842624
1/8757690941952	7/1125899906842624	7/2251799813685248 lb. cement	7/2251799813685248 gal. mud	1/8757690941952	7/2251799813685248
1/17515381883904	7/2251799813685248	7/4503599627370496 lb. cement	7/4503599627370496 gal. mud	1/17515381883904	7/4503599627370496
1/35030763767808	7/4503599627370496	7/9007199254740992 lb. cement	7/9007199254740992 gal. mud	1/35030763767808	7/9007199254740992
1/70061527535616	7/9007199254740992	7/18014398509481984 lb. cement	7/18014398509481984 gal. mud	1/70061527535616	7/18014398509481984
1/140123055071232	7/18014398509481984	7/36028797018963968 lb. cement	7/36028797018963968 gal. mud	1/140123055071232	7/36028797018963968
1/280246110142464	7/36028797018963968	7/72057594037927936 lb. cement	7/72057594037927936 gal. mud	1/280246110142464	7/72057594037927936
1/560492220284928	7/72057594037927936	7/144115188075855872 lb. cement	7/144115188075855872 gal. mud	1/560492220284928	7/144115188075855872
1/1120984440569856	7/144115188075855872	7/288230376151711744 lb. cement	7/288230376151711744 gal. mud	1/1120984440569856	7/288230376151711744
1/2241968881139712	7/288230376151711744	7/576460752303423488 lb. cement	7/576460752303423488 gal. mud	1/2241968881139712	7/576460752303423488
1/4483937762279424	7/576460752303423488	7/1152921504606846976 lb. cement	7/1152921504606846976 gal. mud	1/4483937762279424	7/1152921504606846976
1/8967875524558848	7/1152921504606846976	7/2305843009213693952 lb. cement	7/2305843009213693952 gal. mud	1/8967875524558848	7/2305843009213693952
1/17935751049117696	7/2305843009213693952	7/4611686018427387904 lb. cement	7/4611686018427387904 gal. mud	1/17935751049117696	7/4611686018427387904
1/35871502098235392	7/4611686018427387904	7/9223372036854775808 lb. cement	7/9223372036854775808 gal. mud	1/35871502098235392	7/9223372036854775808
1/71743004196470784	7/9223372036854775808	7/18446744073709551616 lb. cement	7/18446744073709551616 gal. mud	1/71743004196470784	7/18446744073709551616
1/143486008392941568	7/18446744073709551616	7/36893488147419103232 lb. cement	7/36893488147419103232 gal. mud	1/143486008392941568	7/36893488147419103232
1/286972016785883136	7/36893488147419103232	7/73786976294838206464 lb. cement	7/73786976294838206464 gal. mud	1/286972016785883136	7/73786976294838206464
1/573944033571766272	7/73786976294838206464	7/147573952589676412928 lb. cement	7/147573952589676412928 gal. mud	1/573944033571766272	7/147573952589676412928
1/1147888067143532544	7/147573952589676412928	7/295147905179352825856 lb. cement	7/295147905179352825856 gal. mud	1/1147888067143532544	7/295147905179352825856
1/2295776134287065088	7/295147905179352825856	7/590295810358705651712 lb. cement	7/590295810358705651712 gal. mud	1/2295776134287065088	7/590295810358705651712
1/4591552268574130176	7/590295810358705651712	7/1180591620717411303424 lb. cement	7/1180591620717411303424 gal. mud	1/4591552268574130176	7/1180591620717411303424
1/9183104537148260352	7/1180591620717411303424	7/2361183241434822606848 lb. cement	7/2361183241434822606848 gal. mud	1/9183104537148260352	7/2361183241434822606848
1/18366209074296520704	7/2361183241434822606848	7/4722366482869645213696 lb. cement	7/4722366482869645213696 gal. mud	1/18366209074296520704	7/4722366482869645213696
1/36732418148593041408	7/4722366482869645213696	7/9444732965739290427392 lb. cement	7/9444732965739290427392 gal. mud	1/36732418148593041408	7/9444732965739290427392
1/73464836297186082816	7/9444732965739290427392	7/18889465931478580854784 lb. cement	7/18889465931478580854784 gal. mud	1/73464836297186082816	7/18889465931478580854784
1/146929672594372165632	7/18889465931478580854784	7/37778931862957161709568 lb. cement	7/37778931862957161709568 gal. mud	1/146929672594372165632	7/37778931862957161709568
1/293859345188744331264	7/37778931862957161709568	7/75557863725914323419136 lb. cement	7/75557863725914323419136 gal. mud	1/293859345188744331264	7/75557863725914323419136
1/587718690377488662528	7/75557863725914323419136	7/151115727451828646838272 lb. cement	7/151115727451828646838272 gal. mud	1/587718690377488662528	7/151115727451828646838272
1/1175437380754977325056	7/151115727451828646838272	7/302231454903657293676544 lb. cement	7/302231454903657293676544 gal. mud	1/1175437380754977325056	7/302231454903657293676544
1/2350874761509954650112	7/302231454903657293676544	7/604462909807314587353088 lb. cement	7/604462909807314587353088 gal. mud	1/2350874761509954650112	7/604462909807314587353088
1/4701749523019909300224	7/604462909807314587353088	7/1208925819614629174706176 lb. cement	7/1208925819614629174706176 gal. mud	1/4701749523019909300224	7/1208925819614629174706176
1/9403499046039818600448	7/1208925819614629174706176	7/241785163922925			