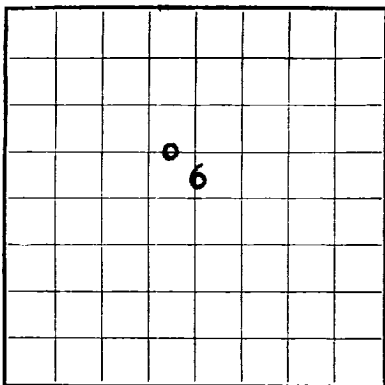




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079301
LEASE OR PERMIT TO PROSPECT NW 1 **Sec. 6**UNITED STATES Rincon Unit
DEPARTMENT OF THE INTERIOR I Sec. 916
GEOLOGICAL SURVEY

APR 14 1954

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
FARMINGTON, N. M.Company Ralph A. Johnston Address Box 813, Farmington, New Mexico
Lessor or Tract Rincon Unit Field South Blapco State New Mexico
Well No. 20 Sec. 6 T. 26N R. 6W Meridian NMPM County Rio Arriba
Location 2060 ft. S. of N Line and 2120 ft. E. of W Line of Section 6 Elevation 6578 GG
(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 James W. Copeland
Date April 14, 1954 Title Superintendent

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

Commenced drilling 10-17, 19 53 Finished drilling 12-3, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2945 to 3025 G No. 4, from _____ to _____
No. 2, from 4635 to 5363 G No. 5, from _____ to _____
No. 3, from 6716 to 6759 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
10 3/4"	32.75	8	Young	456				Surface
7"	23	8	Young	6709				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	456	250	Halliburton Pumping		
7"	6709	250	Halliburton Pumping		

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 6759 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing 12-3, 19 53The production for the first 24 hours was 30 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 45

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

Rock pressure, lbs. per sq. in. 2060#

EMPLOYEES

Carter - Stallings, Driller _____, Driller
E. Copeland, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2945	2945	Broken and varied sands, clays, shales and coal
2945	3025	80	Sand, Pictured Cliff - top 2945.
3025	4635	1610	Sandy shale.
4635	5363	728	Sands, coals and shale - Mesa Verde - top 4635.
5363	6716	1353	Hard, sandy shale.
6716	6759	43	Sand, - Tocito - top 6716.

A 10x10 grid with a small cluster of dots in the upper-middle section. The dots are located at approximately (row, column) coordinates: (2, 5), (2, 6), (3, 5), (3, 6), (3, 7), (4, 6), (4, 7), (4, 8), (5, 7), (5, 8), (5, 9), (6, 8), (6, 9), (6, 10), (7, 9), (7, 10), (8, 10), (9, 10), and (10, 10). The dots form a roughly rectangular shape with some internal structure.

LOCATE WELL CORRECTLY

[illegible]

It is of the greatest importance to have a complete history of the well. Please give in detail the date 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 the date, size, position, and number of shots. If plugs or bridges were put in the well, state kind of material used, position, and reasons of putting in. Give date of completion.

The well was drilled with rotary bit, 13 3/4" hole, 12 1/2" hole, 10 1/2" hole, 8 1/2" hole, 6 1/2" hole, 4 1/2" hole, 3 1/2" hole, 2 1/2" hole, 1 1/2" hole, 1 1/4" hole, 1 1/8" hole, 1 1/16" hole, 1/8" hole, 1/16" hole, 1/32" hole, 1/64" hole, 1/128" hole, 1/256" hole, 1/512" hole, 1/1024" hole, 1/2048" hole, 1/4096" hole, 1/8192" hole, 1/16384" hole, 1/32768" hole, 1/65536" hole, 1/131072" hole, 1/262144" hole, 1/524288" hole, 1/1048576" hole, 1/2097152" hole, 1/4194304" hole, 1/8388608" hole, 1/16777216" hole, 1/33554432" hole, 1/67108864" hole, 1/134217728" hole, 1/268435456" hole, 1/536870912" hole, 1/1073741824" hole, 1/2147483648" hole, 1/4294967296" hole, 1/8589934592" hole, 1/17179869184" hole, 1/34359738368" hole, 1/68719476736" hole, 1/137438953472" hole, 1/274877906944" hole, 1/549755813888" hole, 1/1099511627776" hole, 1/2199023255552" hole, 1/4398046511104" hole, 1/8796093022208" hole, 1/17592186044416" hole, 1/35184372088832" hole, 1/70368744177664" hole, 1/140737488355328" hole, 1/281474976710656" hole, 1/562949953421312" hole, 1/1125899906842624" hole, 1/2251799813685248" hole, 1/4503599627370496" hole, 1/9007199254740992" hole, 1/18014398509481984" hole, 1/36028797018963968" hole, 1/72057594037927936" hole, 1/144115188075855872" hole, 1/288230376151711744" hole, 1/576460752303423488" hole, 1/1152921504606846976" hole, 1/2305843009213693952" hole, 1/4611686018427387904" hole, 1/9223372036854775808" hole, 1/18446744073709551616" hole, 1/36893488147419103232" hole, 1/73786976294838206464" hole, 1/147573952589676412928" hole, 1/295147905179352825856" hole, 1/590295810358705651712" hole, 1/1180591620717411303424" hole, 1/2361183241434822606848" hole, 1/4722366482869645213696" hole, 1/9444732965739290427392" hole, 1/18889465931478580854784" hole, 1/37778931862957161709568" hole, 1/75557863725914323419136" hole, 1/151115727451828646838272" hole, 1/302231454903657293676544" hole, 1/604462909807314587353088" hole, 1/1208925819614629174706176" hole, 1/2417851639229258349412352" hole, 1/4835703278458516698824704" hole, 1/9671406556917033397649408" hole, 1/19342813113834066795298816" hole, 1/38685626227668133590597632" hole, 1/77371252455336267181195264" hole, 1/154742504910672534362390528" hole, 1/309485009821345068724781056" hole, 1/618970019642690137449562112" hole, 1/1237940039285380274899124224" hole, 1/2475880078570760549798248448" hole, 1/4951760157141521099596496896" hole, 1/9903520314283042199192993792" hole, 1/19807040628566084398385987584" hole, 1/39614081257132168796771975168" hole, 1/79228162514264337593543950336" hole, 1/158456325028528675187087900672" hole, 1/316912650057057350374175801344" hole, 1/633825300114114700748351602688" hole, 1/1267650600228229401496703205376" hole, 1/2535301200456458802993406410752" hole, 1/5070602400912917605986812821504" hole, 1/10141204801825835211973625643008" hole, 1/20282409603651670423947251286016" hole, 1/40564819207303340847894502572032" hole, 1/81129638414606681695789005144064" hole, 1/162259276829213363291578010288128" hole, 1/324518553658426726583156020576256" hole, 1/649037107316853453166312041152512" hole, 1/1298074214633706906332624082305024" hole, 1/2596148429267413812665248164610048" hole, 1/5192296858534827625330496329220096" hole, 1/10384593717069655250660992658440192" hole, 1/20769187434139310501321985316880384" hole, 1/41538374868278621002643970633760768" hole, 1/83076749736557242005287941267521536" hole, 1/166153499473114484010575882535042672" hole, 1/332306998946228968021151765070085344" hole, 1/664613997892457936042303530140170688" hole, 1/1329227995784915872084607060280341376" hole, 1/2658455991569831744169214120560682752" hole, 1/5316911983139663488338428241121365504" hole, 1/10633823966279326976676856482242731008" hole, 1/21267647932558653953353712964485462016" hole, 1/42535295865117307906707425928970924032" hole, 1/85070591730234615813414851857941848064" hole, 1/170141183460469231626829703715883696128" hole, 1/340282366920938463253659407431767392256" hole, 1/680564733841876926507318814863534784512" hole, 1/1361129467683753853014637629727068969024" hole, 1/2722258935367507706029275259454137938048" hole, 1/5444517870735015412058550518908275876096" hole, 1/10889035741470030824117101037816551752192" hole, 1/21778071482940061648234202075633103504384" hole, 1/43556142965880123296468404151266207008768" hole, 1/87112285931760246592936808302532414017536" hole, 1/17422457186352049318587361660506482835072" hole, 1/34844914372704098637174723321012965670144" hole, 1/69689828745408197274349446642025931340288" hole, 1/139379657490816394548698893284

HISTORY OF OIL OR GAS WELL

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Case	Where	Number of cases	Method used	Kind of	Amount of money
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	3	feet to 4 feet	feet and from	feet to	feet
Cable tools were used from		feet to	feet and from	feet to	feet

DATE

Gas well, cu. ft. per 24 hours	10	Put to producing	10
Emulsion; % water; and % sediment	0	Barrels of fluid of which % was oil; %	0
Gallons gasoline per 1,000 cu. ft. of gas	1.5	Gravity, °Bé.	1.5

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2942	2942	Broken and washed sands, shales, and coal
2942	2982	80	Sand, shales, and coal - for 2942
2982	3070	1070	Sand and shales
3070	3258	258	Shales, sand, and shales - for 3070
3258	3370	1370	Shales, sand, and shales
3370	3558	198	Shales, sand, and shales - for 3370