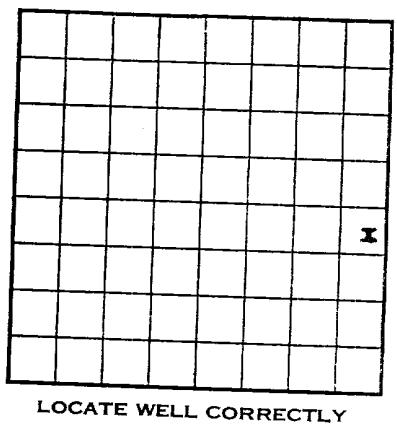
Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. Land Office Las Cruces
Serial Number 029489(a)
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Barney Cockburn Address Box 105, Artesia, N. M.

Lessor or Tract Corbin Field Undesignated (Yates formation) State N. Mex.

Well No. 5 Sec. 9 T. 18S R. 33E Meridian N.M.P.M. County Lea

Location 2310 ft. {N.} of So Line and 330 ft. {E.} of E Line of 9-18-33 Elevation
{S.} {W.} (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 [signature]

Date May 3, 1952 Title Agent

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

Commenced drilling Sept. 18, 1951, 19 Finished drilling April 25, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3443 to 3459 No. 4, from ____ to ____

No. 2, from 4271 to 4291 No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 130 to 140 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 From—	Perforated To—	Purpose
7"	17#	8	S.H.	1530	Reg.				Surface
5½"	14#	8	New Smls.	3417	Reg.				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	1530	50	Halliburton		
5½"	3417	50	"		

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"	N. Glycerine	120 qts	2/11	4262-4294	4298
	Dump	"	120 qts.	3/12	3448-3463	3464
		(Plugged back to 3464)				

TOOLS USED

Rotary tools were used from 0 feet to 1531 feet, and from ____ feet to ____ feet

Cable tools were used from 1531 feet to 4305 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing April 25, 19 52

The production for the first 24 hours was 12 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

Roy Johnson, Driller Geo. Sands, Driller

H. R. Millsap, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Sand & red rock
40	198	158	Red rock
198	215	17	Hard rock
215	340	125	Red bed, red rock
340	608	268	Red bed, shale
608	891	283	Shells, red bed
891	1049	158	Shells, red bed
1049	1109	60	Shells, red bed
1109	1183	74	Shells, lime
1183	1300	117	Shells lime
1300	1355	55	Lime
1355	1403	48	Sandy shale
1403	1483	80	Sand. shale, red bed
1483	1531	48	Sandy shale
1531	1550	19	Red shale, anhydrite
1550	1715	165	Anhy.
1715	1725	10	Red rock
1725	1740	15	Anhy.
1740	1775	35	Broken shale, anhy., salt
1775	1820	45	Broken shale
1820	1860	40	Salt, red rock
1860	1905	45	Salt, shells
1905	1925	20	Gyp.

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1925	2025	100	Salt
2025	2075	50	Salt, potash
2075	2205	130	Salt
2205	2265	60	Salt & polyhalite
2265	2670	405	Salt
2670	2715	45	Anhydrite
2715	2855	140	Salt
2855	2880	25	Anhydrite
2880	2925	45	Anhy., red breaks
2925	3030	105	Anhy.
3030	3075	45	Anhy., red breaks
3075	3210	135	Anhy.
3210	3250	40	Anhy., red shale
3250	3443	193	Anhy.
3443	3459	16	Sand, show of oil
3459	3470	11	Anhy.
3470	3485	15	Anhy., lime shell
3485	3520	35	Anhy., red shale
3520	3545	25	Anhy.
3545	3570	25	Anhy., lime shells
3570	3985	415	Anhy.
3985	4000	15	Anhy., red shale
4000	4261	261	Anhy.
4261	4271	10	Sand
4271	4291	20	Red sand
4291	4305 TD	14	Sand

Plugged back to 3464.

18—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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 "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.

7" surface string was cemented at 1530 on Sept.23, 1951. Cable tool rig was moved on January 8, 1952. After cement plug was drilled, hole tested O. K. for water shut-off. Shot into water in the Queen formation at 4271-91. Hole was plugged back to 3464 and is producing from the Yates formation.

Electric log attached

Form C-110

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Barney Cockburn Lease Corbin

Address Box 105, Artesia, N. M. (Local or Field Office) Artesia, N. M. (Principal Place of Business)

Unit I Wells No. 5 Sec. 9 T 18S R 33E Field Undesignated County Lea

Kind of Lease Federal Location of Tanks C-NW/4 Sec. 33-T17S-R33E

Transporter Texas-New Mexico Pipe Line Co. Address of Transporter (Local or Field Office)

Midland, Texas (Principal Place of Business) Percent of oil to be transported 100. Other transporters authorized to transport oil from this unit are None %

REMARKS:

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 2nd day of May, 1952, 194

Barney Cockburn
(Company or Operator)

By C. J. Barnes

Title Agent

State of New Mexico }
County of Eddy } ss.

Before me, the undersigned authority, on this day personally appeared C. J. Barnes known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 2nd day of May, 1952, 194

My commission expires: May 31 1953

Jewel Street

Notary Public in and for Eddy County, New Mexico

Approved: May 5 194

OIL CONSERVATION COMMISSION

By

(See Instruction on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil from the property named therein and shall remain in full force and effect until

(a) Operating ownership changes

(b) The transporter is changed or

(c) The permit is cancelled by the Commission

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.