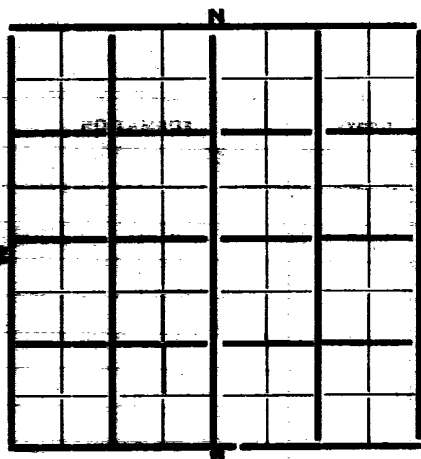


SCOUT REPORT NEW MEXICO OIL CONSERVATION COMMISSION



Company B. Cockburn
 Farm Name Leonard- State 1
 Land Classification State
 Sec. 32 Twp. 16 Range 30 Count Eddy
 Feet from Line: N. 660 S. 660 E. W.
 Elevation _____ Method _____
 Contractor Dadeau Scout _____
 Spudded 4-16-42 Completed 5-16-42 Initial Production _____
 Bond Status _____

AMOUNT CASING AND CEMENTING RECORD

SIZE	FEET	INCHES	BOX CEMENT
10 1/2	475		50
8 1/2	64		5
7	2165		30+50
5 1/2	2137	2667	50

ACID RECORD

Gals.

Top Pay 2797.5 TD _____

TA

TX 676

BX 1045

TR 2080

TY

TBL

TWL

SHOOTING RECORD

No. of Quarts 220 From 2778 To 2878
 No. of Quarts _____ From _____ To _____
 S/W 495-50A S/W 2080-905 S/W 2797-2805
 S/W 100-1555 S/W 2420A S/W 2768L
 @ 2820 flow in 24 hrs. no. 2840-42L

TUBING RECORD

2" 2667

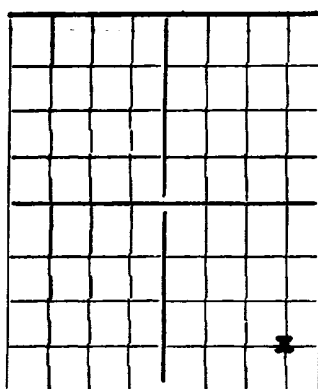
PACKER

DATE		DATE	
4-22	4-22-42	7-1	T.D. 2885 L
4-29	Ø 385 A		WOC on line
5-6	Ø 715 X		Plug by Wedals
5-13	Ø 1160 A		100 BOPD
	T.D. 1645 A		
	S.D.R.	7-8	T.D. 2885 L
5-20	Ø 2130 A		SI
5-27	Ø 2525 L	7-15	T.D. 2885 L
	SLM 2138:65		WOC
6-3	Ø 2795 L	7-22	T.D. 2885 L
	SLM SLM 2799-57		WOC Reg
	T.D. 28055	7-29	T.D. 2885 L
	300 O.H. 1 1/2 Hr		RUSPDR
6-10	T.D. 2885 L	8-5	T.D. 2885 L
	Ø Plug		CO @ 2830
6-17	T.D. 2885 L	8-12	T.D. 2885 L
	Ø Plug		Prep to test
6-24	T.D. 2885 L		CO to 2845
	COAS @ 2860	8-19	T.D. 2885 L
	Plug E 125 BOPD		Shg H ₂ O
	Ø Plug		Plug in 4" line
			S.D.D.

LOG

74-50

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent for more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data following it with (P). SUBMIT IN DUPLICATE. FORM C-105 WILL NOT BE APPROVED UNTIL FORM C-105 IS DUPLICATED OUT.

Barney Cookburn

Company or Operator

Artesia, New Mexico

Address

Leonard-State

Well No. 1

1/2 Sec. 32

of Sec. 32

T. 18N.

R. 30E

R. 30E

N. M. P. M.

Square 3600

Field, 3600

County.

Well is 660 feet south of the North line and 660 feet west of the East line of 3600.

If State land the oil and gas lease is No. B-2175 Assignment No. 5

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Barney Cookburn Address Artesia, New Mexico

Drilling commenced 4-16-42 Drilling was completed 6-7-42

Name of drilling contractor C. C. Dodge Address Artesia, New Mexico

Elevation above sea level at top of casing 5725 feet.

The information given is to be kept confidential until

IMPORTANT ZONES

No. 1, from 2797 to 2800

No. 4, from 2800 to 2805

No. 2, from 2805 to 2810

No. 5, from 2810 to 2815

No. 3, from 2815 to 2820

No. 6, from 2820 to 2825

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 25 to 80 feet.

No. 2, from 300 to 325 feet.

No. 3, from 500 to 515 feet.

No. 4, from 2080 to 2110 feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10-3/4	32			480				
8-1/2	28			641-8"				
7"	20			214"	Baker			
5-1/2	14			565"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/2"	10-3/4"	480'	50	International		50
	8-1/2"	641-8"	50	"		50
	7"	214"	50	"		50
5-1/2" Liner - 565' set 2650-Cemented 40 sacks cement						

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
			260	5-19-42	2777 to 2877	to bottom

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

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

Cable tools were used from 0 feet to 2883 feet, and from feet to feet

PRODUCTION

Put to production 5/7/42, 19

The production of the first 24 hours was 44 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be

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 Hill, Driller Jim Byler, Driller
J. M. Gallagher, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 27th day of August, 1942
 Name: [Signature]
 Position: Agent
 Representing: Barney Cookburn
 Address: [Address]
 My Commission expires August 28, 1945
 Notary Public: [Signature]

Artesia, New Mexico 6/28/42

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	8	8	Caliche
8	25	17	Red Shale
25	80	55	Red Sand
80	100	20	Anhydrite
100	120	20	Running sand
120	135	15	Red Mud
135	153	22	Red Shale
153	175	22	Anhydrite
175	190	25	Red Shale
190	225	25	Red Shale shells
225	240	15	Red Shale
240	255	25	Red Sand
255	262	27	Red Shale
262	300	148	Anhydrite
300	315	15	Red sand
315	323	8	Anhydrite
323	335	12	Red Mud
335	370	35	Red shale
370	410	40	Shale & shells
410	430	20	Anhydrite
430	450	20	Salt
450	480	30	Salt and Anhydrite
480	515	35	Salt
515	525	25	Salt and Anhydrite
525	545	175	Salt
545	565	45	Salt and Anhydrite
565	585	90	Salt
585	600	105	Anhydrite
600	610	30	Red Sand (Gas)
610	618	55	Anhydrite
618	6174	9	Lime and Anhydrite
6174	6506	331	Anhydrite (Oil show 2420)
6506	6598	90	Lime
6598	6615	20	Gray Lime
6615	6797	182	Lime (gas-2788)
6797	6802	5	Oil sand
6802	6840	38	Lime
6840	6845	5	Sandy Lime
6845	6850	5	Lime
6850	6857	7	Brown Lime
6857	6883	26	Lime
	T.D.		