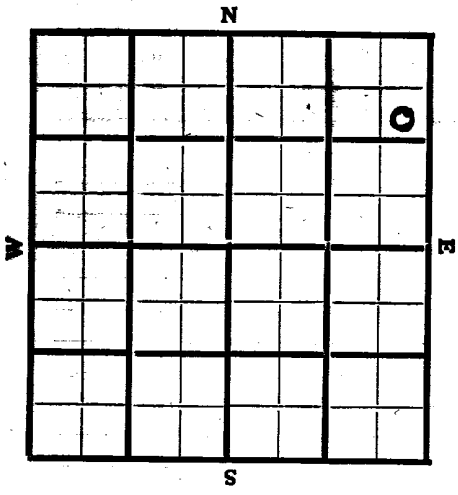
SCOUT REPORT
NEW MEXICO
OIL CONSERVATION COMMISSION

Wall IX



Company CULBERTSON & Irwin

Farm Name W. H. MARTIN Well No. 2

Land Classification Patented

Sec. 31 Twp. 24 Range 37 County LEA

Feet from Line: 990 N. S. 330 E. W.

Elevation Method Rot.

Contractor W. J. Donnelly Scout

Spudded 8-11-39 Completed Initial Production

Bond Status O.K.

ACID RECORD

Gals.

Prod. Date

Prod. Date

Top Pay Total Depth

SHOOTING RECORD

No. of Quarts 1 1/2 Shot at 3460-3530 Feet

No. of Quarts Shot at Feet

Casing and Cementing Record

Size	Feet	Inches	Amount Sax Cement
10 3/4	394		150
7"	3385		250
5 3/16	3429		45
4"	3470		
T.A.	1114		

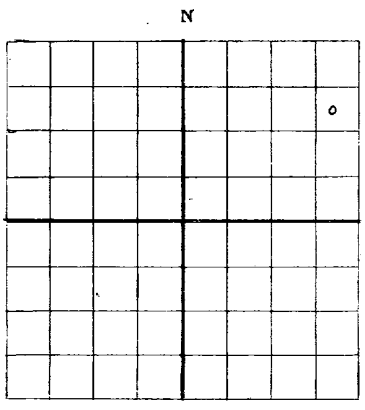
Date		Date	
8-16	ϕ 1114 A	SEP 21 1939	TD 3545 S
8-23	ϕ 3100 L		CO hole
	adon gas 2900 L		3424 1/2 hole
8-30	T.D. 3385 L		3 days
	prep to ϕ plug		42 MCF
	S/G 3265-69 S	OCT 4 - 1939	TD 3545 SL
	ϕ w/ anf		shot 33 Bo 12 hr
9-6	T.D. 3424 L	OCT 11 1939	thru casing
	ϕ plug and Squeeze job		
	S/a 3409-13	OCT 18 1939	TD 3545 Sdy L
	36 MCF Gas		IP 6 BOPH 2 hrs
			thru 2"
9-13	T.D. 3545 SL		2,300,000 gas 1st T.
	ϕ II/P. to test		
	2" 3545		
	S/O 3425 SL		
SEP 20 1939	TD 3545 SL		
	WOC		

ILLEGIBLE

LOG

Depth	Formation	Depth	Formation	Depth	Formation

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
OCT 7 - 1939
HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

Culbertson & Irwin, Inc. (Company or Operator) Midland, Texas (Address)

Martin (Lease) Well No. 2 in NE¼NE¼ of Sec. 31, T. 24-S

R. 37-E, N. M. P. M., Mattix Field, Lea County.

Well is 990 feet south of the North line and 330 feet west of the East line of Section 31.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is R. E. & W. H. Martin and Nora F. Alston, Address Hobbs, New Mexico

If Government land the permittee is _____, Address _____

The Lessee is Culbertson & Irwin, Inc., Address Midland, Texas

Drilling commenced August 8 19 39. Drilling was completed September 12 19 39

Name of drilling contractor Walter J. Donnelly, Address Fort Worth, Texas

Elevation above sea level at top of casing 3250 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3438 to 3448 No. 4, from _____ to _____

No. 2, from 3460 to 3485 No. 5, from _____ to _____

No. 3, from 3500 to 3520 No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
10-3/4	40#	8	smls	385'					
7"	22#	8	smls	3385'	Larkin				
5-1/2	17#	10	smls	152'					
2"	4.70#	m8	upset	3430'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	10-3/4	385'	150	Halliburton		
8-5/8	7"	3385	250	"		
8-5/8	5-1/2	3295-3447	50	"		

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
3½"	Bakelite	Solidified	122 qts.	9-28-39	3467-3535	3545

Results of shooting or chemical treatment 192 barrels in 24 hrs. test October 5, 1939, after shot.

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 0 feet to 3545 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing September 12, 19 39

The production of the first 24 hours was 121 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be _____ before shot

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

Rock pressure, lbs. per sq. in. see result of shooting, above.

EMPLOYEES

W. J. Donnelly, Contractor, Driller _____, Driller

_____, Driller _____, 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 5 day of October 19 39

Lucille O. Norman
Notary Public

My Commission expires June 1, 1941

Midland, Texas, October 5, 1939
Place Date

Name [illegible]

Position Treasurer

Representing Culbertson & Irwin, Inc.
Company or Operator

Address Box 1071, Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche
50	361	311	Red shale and sand
361	920	559	Red shale
920	1030	110	Red shale and streaks of gyp.
1030	1114	84	Red shale
1114	1292	178	Anhydrite
1292	1498	206	Anhydrite, red shale, salt & poly.
1498	1502	4	Red shale & poly.
1502	1558	56	Anhydrite
1558	1620	62	Anhydtite, poly. & shale
1620	1845	225	Anhydrite
1845	1905	60	Red shale, poly & salt
1905	1923	18	Anhydrite
1923	1955	32	Salt & poly.
1955	2188	233	Anhydrite, salt & poly.
2188	2222	34	Anhydrite
2222	2516	294	Anhydrite, poly & salt
2516	2537	21	Anhydrite
2537	2658	121	Salt
2658	2693	35	Salt & anhydrite
2693	2724	31	Anhydrite
2724	2747	23	Lime & anhy.
2747	2784	37	Lime
2784	2820	36	Lime & gyp.
2820	2876	56	Lime
2876	2900	24	Lime, sand and shale (gas odor)
2900	3030	130	Lime
3030	3033	3	Sandy shale
3033	3044	11	Lime & gyp.
3044	3117	73	Lime
3117	3149	32	Broken lime and gas sand
3149	3327	178	Lime
3327	3365	38	Broken lime and shale
3365	3367	2	Gas Sand
3367	3385	18	Lime
3385	3390	5	Lime and sand
3390	3400	10	Lime and trace sand
3400	3410	10	Lime
3410	3414	4	Sand (gas)
3414	3440	26	Lime
3440	3445	5	Sand
3445	3455	10	Lime
3455	3465	10	Sand and lime
3465	3480	15	Lime
3480	3515	35	Sand and lime
3515	3520	5	Sand
3520	3530	10	Lime
3530	3540	10	Sand and Lime
3540	3545	5	Lime TD