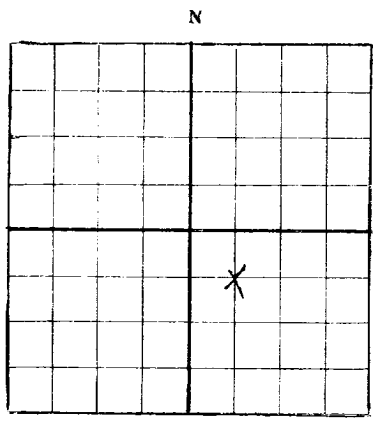
Soc 4979

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
MAY 9 1946
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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Hershfield – Florance, Santa Rosa, N. Mex.
Company or Operator Address

Thompson Well No. 1 in SE 1/4 of Sec. 14, T. 12N
Lease

R. 32E, N. M. P. M. Cabra Spring Field, San Miguel County.

Well is 1980 feet south of the North line and 1980 feet ~~West~~ East of the ~~East~~ line of

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

If patented land the owner is North American Investment Co. Address Freeport, Ill.

If Government land the permittee is Address

The Lessee is H. A. Hershfield & Co. Inc. Address Yeakett Bldg. Hutchinson Kans.

Drilling commenced 3-1 1946 Drilling was completed 4-23 1946

Name of drilling contractor M. J. Florance Drilling Co. Address Santa Rosa, N. Mex.

Elevation above sea level at top of casing 5096 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from None to No. 5, from to

No. 3, from to 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 None 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
12½"	38 lb.	3"	Pittsburg	104'	Baker Pipe	None	None		X

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15½"	12½"	104'	100	Halliburton	?	20 barrels

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth Set

Adapters—Material None Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		None				

Results of shooting or chemical treatment X

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 4550 feet, and from feet to feet

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

PRODUCTION

Put to producing None 19

The production of the first 24 hours was barrels of fluid of which % 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

J. G. Hyden, Driller J. N. Goodwin, Driller

M. H. Walker, 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 7th day of May 1946

Essie Dial
Notary Public

My Commission expires July 15, 1946

Place Date

Name O. L. Dryden, Toolpusher

Position By Vivian Dryden, Bkpr

Representing Florance Drilling Co.
Company or Operator

Address Aztec, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	250	250	Red + grey sand.
250	290	40	Grey shale
290	310	20	Red shale
310	400	90	Grey sand + Red shale
400	420	20	Red shale
420	500	80	Grey sand + red + green shale
500	530	30	Red + grey shale
530	620	90	Grey sand + red + grey shale
620	675	55	Grey sand + green shale
675	700	25	Grey sand
700	800	100	Grey sand + green + grey shale
800	930	130	Base of Triassic + top of San Andres anhydrite + limestone, little green & red shale (Permian)
930	950	20	Grey + green shale
950	980	30	Anhydrite + red + green shale
980	1030	50	Grey sand + red + green shale
1030	1095	65	Red + grey shale
1095	1165	70	Limestone - Base of San Andres & top of Glorieta (Permian)
1165	1255	90	Red + little green + grey shale + some red + grey sand.
1255	1305	50	Grey sand.
1305	1400	95	Grey sand + red, green + grey shale
1400	1460	60	Grey + little red + grey shale.
1460	1480	20	Base of Glorieta + top of Yeso (Permian). Green grey + red shale + little limestone
1480	1500	20	Anhydrite, green, grey + red shale + little.
1500	1540	40	Grey + red shale, orange sandstone & fine grained limestone.
1540	1570	30	Grey shale, orange sandstone + white anhydrite + little anhydrite.
1570	1585	15	Green, grey + red shale anhydrite + little limestone
1585	1605	20	Brown Crystalline limestone + green, grey + red shale.
1605	1645	40	Green, grey + red shale, some limestone + added white anhydrite.
1645	1830	185	Pink + orange sandstone with frosted quartz grains, little green + grey shale + white anhydrite
1830	1890	60	Green grey + red shale little pink + orange sandstone with frosted quartz grains
1890	2025	135	Red shale, some pink + orange sandstone with frosted quartz grains & little gray shale.
2025	2225	200	Red shale + some pink sandstone + trace of anhydrite
2225	2300	75	Anhydrite, some red shale + little pink limestone
2300	2310	10	Grey + brown crystalline dolomite
2310	2440	130	Pink sandstone, some anhydrite + some green shale + little red shale + trace of limestone. Base of Yeso + top of Abo (Permian)
2440	2675	235	Red shale + grey + red sandstone, some granite wash
2675	2830	155	Red shale + grey + red sandstone, trace of granite wash.
2830	2955	125	Red shale + little red + grey sandstone
2955	3750	795	Red shale, some granite wash + little red + grey sandstone - Base of Abo + Top of "Transition Zone" (Pennsylvanian)
3750	3850	100	Dark grey + black shale + red shale + some granite wash
3850	4005	155	Red + little dark grey + black shale + trace of limestone
4005	4045	40	Red, grey + black shale + some granite wash
4045	4150	105	Granite wash, some red grey + black shale + trace of limestone
4150	4200	50	Red shale + little black shale + granite wash
4200	4245	45	Granite wash + red shale + little grey + green shale
4245	4280	35	Red shale + little black shale + granite wash
4280	4300	20	Grey fossiliferous limestone + some red shale + granite wash
4300	4350	50	Red + black shale, little granite wash & trace of limestone
4350	4360	10	Dark brown Crystalline limestone + some red + black shale
4360	4400	40	Red + black shale + little granite wash
4400	4420	20	Grey + white sandstone + some red + black shale
4420	4480	60	Red + black shale + some crystalline grey limestone
4480	4495	15	Medium Crystalline brown limestone + some red + black shale
4495	4537	42	Red shale + some black shale, little granite wash + trace of limestone
4537	4550	13	Base of Pennsylvanian + top of pre-Cambrian Total depth - Granite

My Commission expires July 15, 1946

Cored 4548 - 4550 - Granite