

Santa Fe, New Mexico

Dually Complete Well

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company

(Company or Operator)

V. H. Henderson
(1928)

Well No. 5, in NW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 30, T21-S, R. 32-E, NMPM.

Penrose-Skelly & Paddeek

Pool, Lee County.

Well is 1980 feet from East line and 660 feet from North line

of Section 30 If State Land the Oil and Gas Lease No. is Not a State Well 1631

Drilling Commenced November 19, 1958 Drilling was Completed December 25, 1958

Name of Drilling Contractor J.C. Grain Drilling Company

Address P.O. Box 176, Bunker, New Mexico

Elevation above sea level at Top of Tubing Head.....**3996'**..... The information given is to be kept confidential until
April.....**1959**.....

OIL SANDS OR ZONES

Paddock		OIL SANDS OR ZONES	
No. 1, from 5172:	to 5186:	No. 4, from 3770:	Penrose 3792:
No. 2, from 3686:	Penrose to 3714:	No. 5, from 3816:	Penrose 3826:
No. 3, from 3742:	Penrose to 3762:	No. 6, from 3850:	Penrose 3874:

Drilled with Rotary Tools and no water sands tested.
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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8"	32.30	new	122 1/2	Baker	None	None	Surface Production
7"	20.00	new	5078	Baker	None	3686 to 3874	
7 5/8"	23.00	new	120				

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 1/4"	9 5/8"	1236'	800			
	7"	5210'	500			

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Paddock Zone, acidize casing perfor from 5172' to 5188' with 500 galn regular 15% acid.

Pearse Shally Zone, Acidize from 3686' to 3714'; 3742' to 3762'; 3770' to 3792'; 3816' to 3826' and 3850' to 3874' with 1000 gals regular 15% acid, and frac with 10,000 gals refined oil and 15,000 lbs sand.

Result of Production Stimulation: Paddock some on 7 hour PT well flowed 58 BO & 1.8 BW, Panrose Skelly Zone, on 6 Hour PT well flowed 96 BO & 1 BW

..Depth Cleaned Out.....52101.....
PHED 52051

RECORD OF DRILL-STEM AND SPECIAL

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 5210 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 8, 1959 (Dually Completed Well)
(Paddock Zone)
OIL WELL: The production during the first 24 hours was 205 barrels of liquid of which 97% was oil; % was emulsion; 3% water; and % was sediment. A.P.I.

Gravity 37.0

(Pensacola Shelly Zone) First 24 hrs was 400 bbls of liquid 96% was oil 4% wtr.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
Liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1190'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2604'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3490'	T. Ellenburger	T. Point Lookout
T. Grayburg 3643'	T. Gr. Wash	T. Mancos
T. San Andres 3920'	T. Granite	T. Dakota
T. Glorieta 5118'	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche	Estimate No. 6142			
40	1195	1155	Red Bed	DEVIATION RECORD			
1195	1218	23	Red Bed & Anhy	DEPTH DEGREES OFF			
1218	1590	372	Anhy	120'	1/4		
1590	1985	395	Salt & Anhy	590	1/4		
1985	2462	477	Salt, Anhy & Gyp	890	1/4		
2462	2777	315	Anhy	1236	1/2		
2777	3006	229	Anhy & Lime	1460	1/4		
3006	5210	2204	Lime	1730	1/2		
TOTAL DEPTH		5210		2100	1 3/4		
PHED		5205		2185	1 1/4		
All measurements from rotary table or 12' above ground level.				2435	2		
PADDOCK ZONE				2500	1 1/2		
Top of Pay-5172'				2655	1 1/2		
Btm of Pay-5188'				2718	1 1/2		
FTGc Date 1-8-59				2930	1 1/4		
MHC Date 12-25-58				3060	3/4		
For complete well record see attached.				3250	1		
PENSACOLA SHELLY ZONE				3400	3/4		
Top of Pay-3686'				3525	1 1/4		
Btm of Pay-3874'				3650	1		
FTGc Date 1-10-59				3860	1 3/4		
MHC Date 12-25-58				4200	2		
				4380	2		
				4580	2 3/4		

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

January 12, 1959

Company or Operator THE TEXAS COMPANY
J.G. Klevins, Jr.
Name

Address P.O. Box 352, Midland, Texas
Position or Title Assistant District Supt.

V.M. Henderson No. 5

Spudded 12 $\frac{1}{2}$ " hole, 10:30 P.M. 11-19-58. 1,224' of 9 5/8" O.D. Casing set at 1236'. Job complete 2:00 P.M. 11-22-58.

Core No. 1 at 3675' to 3725'. 100% recovery.

Core No. 2 at 3725' to 3761'. 100% recovery.

Core No. 3 at 3761' to 3767'. 100% recovery.

DST No. 1 at 4015' to 4060'. GTS in 8 Minutes, mud 22 Minutes, Fluid gas at rate of 500,000 Cu Ft per day, with 20 Mbls sulf water per hour on a 3 hr Test. Recovered 1175' of sulf water with slight show of oil. 30 MIN IBI-5138, 30 MFSI-1270, HI-2270, HO-2270, IF-334, FF-505, Job complete 6:00 A.M., 12-9-58.

DST No. 2 at 5085' to 5110'. Tool open 2 $\frac{1}{2}$ hours with weak blow of air and died in 30 minutes. Recovered 120' of drlg mud and 60' sulphur water. 30 min IBI-No rec. 30 Min FSI-1675, HI & HO-2670, IF-30, FF-131. Job complete 12:00 Noon, 12-22-58.

DST No. 3 at 5130' to 5160'. Tool open 2 hours with weak blow of air thru-out test. Recovered 120' drlg mud out with sulphur water. Slight trace of oil. 30 min IBI-174, 30 min FSI-174, IF-58, FF-89, HI & HO-2755, Job complete 1:45 P.M. 12-23-58.

Ran logs from surface to 5160', December 23, 1958.

Ran 5198' of 7" & 7 5/8" OD casing and set at 5210'. Plug at 5157'. Perforate 7" OD Casing with 4 jet shots per foot from 5172' to 5188'. Ran 5073' of 2 3/8" tubing. Packer set at 5089'. Acidize casing perfs with 300 gals regular 15% acid down 2" tubing. Job complete 3:00 P.M. 12-28-58.

Pulled 2" tubing & Packer. Jet Perf 7" casing with 4 jet shots per foot from 3686' to 3714', 3742' to 3762', 3770' to 3792', 3816' to 3826', and 3850' to 3874'. Ran tubing & set Baker ret BP @ 3937'. Acidize casing perfs with 1000 gals regular 15% acid down 2" tubing. Job complete 9:00 P.M. 12-30-58.

PS 5205'. Free down 4" casing & 2" tubing with 10,000 gallons refined oil and 15,000 lbs sand. Job complete 10:10 A.M. 12-31-58. Shut in 14 hrs to equalize. Recover lead oil. Prepare to dual complete.

Baker Model B Packer in 7" casing at 5100'. Ran 5120' of 2 3/8" tubing with pers at 5138', Padlock Section. Ran 3849' of 2 3/8" tubing with Pers at 3859', Pennrose Shelly Section. Hyde Test tubing strings to 4000 lb. Released rig 2:00 P.M. 1-3-59.

at 12301, job complete 2:00 P.M. 11-22-58.
Spurred 1237 hole, 10:30 P.M. 11-19-58, 12381, of 2 5/8" O.D. casing set

Core No. 5 at 3152' to 3161'. TOOK recovery.

8:00 A.M., 12-9-52.
30 MIN-1232, 30 MIN-1230, 30 MIN-1220, 30 MIN-1210, 30 MIN-1200, 30 MIN-1150, 30 MIN-1140, 30 MIN-1130, 30 MIN-1120, 30 MIN-1110, 30 MIN-1100, 30 MIN-1050, 30 MIN-1040, 30 MIN-1030, 30 MIN-1020, 30 MIN-1010, 30 MIN-1000, 30 MIN-0950, 30 MIN-0940, 30 MIN-0930, 30 MIN-0920, 30 MIN-0910, 30 MIN-0900, 30 MIN-0850, 30 MIN-0840, 30 MIN-0830, 30 MIN-0820, 30 MIN-0810, 30 MIN-0800, 30 MIN-0750, 30 MIN-0740, 30 MIN-0730, 30 MIN-0720, 30 MIN-0710, 30 MIN-0700, 30 MIN-0650, 30 MIN-0640, 30 MIN-0630, 30 MIN-0620, 30 MIN-0610, 30 MIN-0600, 30 MIN-0550, 30 MIN-0540, 30 MIN-0530, 30 MIN-0520, 30 MIN-0510, 30 MIN-0500, 30 MIN-0450, 30 MIN-0440, 30 MIN-0430, 30 MIN-0420, 30 MIN-0410, 30 MIN-0400, 30 MIN-0350, 30 MIN-0340, 30 MIN-0330, 30 MIN-0320, 30 MIN-0310, 30 MIN-0300, 30 MIN-0250, 30 MIN-0240, 30 MIN-0230, 30 MIN-0220, 30 MIN-0210, 30 MIN-0200, 30 MIN-0150, 30 MIN-0140, 30 MIN-0130, 30 MIN-0120, 30 MIN-0110, 30 MIN-0100, 30 MIN-0050, 30 MIN-0040, 30 MIN-0030, 30 MIN-0020, 30 MIN-0010, 30 MIN-0000.

Top complete 1st P.M. 12-23-68.
Trace at all. 30 min FBI-LA, 30 min FBI-WL, W-88, W-89, WI & HO-2727,
turn-out fact. Recovered JSC's dog mud cut with sulphur water. Slight
DST No. 3 at 2130' to 2080'. Tool open 5 hours with West flow of air

12-28-58.
with 500 gals regular 15% sold down 2" tubing. Job complete 3:00 P.M.
Ran 2073' of 2 3/8" tubing. Packer set at 2058'. Acidize casing perforate 7" OD casing with 1 jet shots per foot from 2172' to 2188'.
Ran 2188' of 2 3/8" OD casing and set at 2210'. Plug at 2171'.

to equalize. Recover lead oil. Prepare to dump complete. and 15,000 lbs sand. Job complete 10:10 A.M. 12-31-28. Shut in 14 hrs 11 2525'. Free down 4" casing & 2" tubing with 10,000 gallons refined oil

Referenced 2:00 P.M. 1-2-50.
 Tests at 3875'; Pressure 82.5 lb. section. Hydro Test tubing strings to 4000 lb.
 with bore at 2732'; Pressure 82.5 lb. section. Ran 3875' of 2 3/8" tubing with
 Baker Model B pressure in " casing at 2100'. Ran 2100' of 2 3/8" tubing