

Santa Fe, New Mexico

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

PENNZOIL COMPANY

Cone-State

(Company or Operator)

(Lease)

Well No. 1 in SE ¼ of NW ¼, of Sec. 35, T. 11-S, R. 36-E, NMPM.

Wildcat

Pool.....Lea

...County.

Well is 1980 feet from North line and 1980 feet from West line

of Section 35 If State Land the Oil and Gas Lease No. is E-9864

Drilling Commenced 6-17, 19 65 Drilling was Completed 8-30, 19 65

Name of Drilling Contractor.....**Sharp Drilling Company**.....

Address 1007 Midland Savings Building, Midland, Texas

Elevation above sea level at Top of Tubing Head.....3986' Gr. The information given is to be kept confidential until
..... 19.....

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

No. 2, from.....to..... No. 5, from.....to.....

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

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	375'	Guide			Surface Csg.
8-5/8"	32#	New	2184'	Guide			Intermediate.
8-5/8"	24#	New	2218		1245'		"

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½	13-3/8	375	375	Pump & plug		
11	8-5/8	4400	600	" "		

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

Result of Production Stimulation.....

...Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL IS

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 Surface feet to TD 13,200' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing P & A 9-9 19 65

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity

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.	2200		T. Devonian	13,021	
T. Salt.	2283		T. Silurian		
B. Salt.	2835		T. Montoya		
T. Yates.	3027		T. Simpson		
T. 7 Rivers.	3148		T. McKee		
T. Queen.	3786		T. Ellenburger		
T. Grayburg	4058		T. Gr. Wash.		
T. San Andres.	4362		T. Granite		
T. Glorieta	5844		T.		
T. Drinkard	6502		T.		
T. Tubbs	7213		T.		
T. Abo	7912		T.		
T. Penn	9388		T.		
T. Miss	12,242		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2200	2200	Sand, Shale, Cong. Lm.				
2200	2283	83	Anhydrite & Dolo.				
2283	2835	552	Salt & Anhydrite.				
2835	3027	192	Dolomite & Anhydrite.				
3027	3148	122	Sand.				
3148	3786	638	Dolo, Anhy. & Sand.				
3786	4058	272	Sand, Anhy. & Dolo.				
4058	4362	304	Dolo, Anhy. & Sand.				
4362	5844	1482	Dolo. & Lime.				
5844	6502	658	Dolo, Sd, Anhy. & Salt.				
6502	7213	711	Dolo. tr. Sand.				
7213	7912	699	Sand, Dolo, Anhy.				
7912	9388	1476	Shale, Dolo. & Chert.				
9388	12242	2854	Lime, Shale, Sand & Chert.				
12242	13021	779	Lime, Shale & Chert.				
13021	13200	179	Dolomite & Chert.				

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.

October 6, 1965
1007 Midland Savings Bldg (Date)
Midland, Texas
Mgr. Drilling & Production.
PENNZOIL COMPANY
Company or Operator
Name
Address
Position or Title

DST #1: 5038 - 5108'. Tool open 20 minutes. Rec 640' drlg fluid. Chlorides of mud 5000, chlorides of this test 5200. FP 237# - 347#; 1 hr ISIP 1651#; 1 hr FSIP 1599#.

DST #2: 9600 - 9674'. Tool open 1 hr. Rec 60' drlg mud. Initial Hyd 4717#; Final Hyd. 4717#; FP 65# - 128#; 1 hr ISIP 3429#; FSIP 3331# (1 hr).

DST #3: 10,374' - 10,449'. Tool open 50 min. All pressures 66#. Rec. 5' drlg. mud.

DST #4: 11,645' - 11,675'. Tool open 62 minutes. Weak blow immediately, increased to strong. Rec 477' drlg mud + 1000' WB. (Sample from tool 420 cc drlg mud + 1500 cc water). DM 35,000 ppm chlorides, water 50,000 ppm chlorides. IFP 509#; 1 hr ISIP 3701#; FFP 733#; 90 min FSIP 3714#; Hyd. In - 5765#; Hyd. Out 5765#.

DST #5: 13,028 - 13,035' - Open for 10 minute pre-flow. Weak blow for 3 minutes and died. Tool open 60 min. Took 60 min ISIP, no blow, did not take FSIP. Rec 135' of drlg. mud. 60 min ISIP 1335#; IFP 668#; FFP 648#.

DST #6: 13,032 - 13,125'. Took 10 minute pre-flow w/good blow immediately. Took 60 min ISIP. Open 60 min w/good blow throughout and steadily increasing. Rec 1500' water cushion + 92' drlg fluid. Sample below sub contained 22 cu ft of gas + 1360' drlg mud. 60 min ISIP 5064#; FSIP - None; IFP and FFP 71#.

DST #7: (Straddle packer test) - 13,060' - 13,126'. Open for 10 min pre-flow. Rec 2269' of gas in drill pipe + 1500' WB + 1731' HGCM, no formation water or evidence of same. 10 minute pre-flow press 859#; IFP 1016#; FFP 1468#; 60 minute ISIP 5104#; 120 minute FSIP - 5084#. Initial Hyd. 6877#; Final Hyd. 6755#. Tool open total of 3 hrs & 57 minutes. Fair to good blow. NOTE: Packers failed and were re-set 9 times. Shortest continuous effective flow period, after 10 pre-flow, was five minutes. Longest continuous effective flow period was 72 minutes. A fair to good blow occurred during each flow period and was increasing when packers failed. Total time open given above is cumulative for entire test.

DST #8: 13,030, 13,200' (Straddle packer Test). Open for 10 min pre-flow. Took 60 minute ISIP. Tool open 7 hrs & 20 minutes. Good blow immediately. GTS in 2 hrs, estimated 80,000 CFD on 1/2" choke and 34,000 CFD on 1/4" choke. Steady throughout test. Rec 1500' WB + 43' GCM + 11,460' gas in DP. Ten minute pre-flow press 1007#; 60 min ISIP 3092#; 120 minute FSIP 5000#; FP 754# - 754#. Initial Hyd. 6948#; Final Hyd. 6753#. Temp. 192 deg.

DST #9: 13,058 - 13,126'. PBTD. Circulated hole clean and spotted 7 bbls brine wtr on top of plug. Ran perforated sub 8 ft below packers w/Johnson hydraulic test tool 7 ft above and with safety joint in between. Pumped 1000 gals MA into DP 10 stands off bottom. Ran remainder of DP and opened test tool. Had weak blow initially which increased in 1 hr. Started injection of nitrogen into DP. Built pressure up slowly in stages for 16 hrs. Max surf pres 5000#; estimated max press on formation 8000#; estimated acid injected 750 gals. Only small press decline observed between stages. Fluid began to seep around packers after 16 hrs at max press of 5000#. Weight on packers 112,000#. Bled all pressure off DP. Left Open to observe flow. Finished blowing down nitrogen at 9:15 a. m. 9-7-65. Left tool open until 1:15 p.m. Had good blow with very slight increase during period; GTS in 2 hrs & 45 min, TSTM. Rec 1500' of live acid + 1494' of a mixture of partly spent acid water and water of unknown origin.

RECORD OF INCLINATION

HOBBS OFFICE O. C. C.

For: CONE-STATE No. 1 - 1980' FNL & 1980' FWL, Section 11-S,
R-36-E, Lea County, New Mexico.

Nov 24

11-25 AM '65

<u>Depth (feet)</u>	<u>Angle of Inclination (deg)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
370	1/2	3.2	3.2
1,200	1/2	7.2	10.4
2,135	1	16.3	26.7
3,083	2	33.1	59.8
4,075	1/2	8.6	68.4
4,684	1/2	5.3	73.7
5,426	1/4	3.3	77.0
6,410	3/4	12.9	89.9
7,131	1/2	6.3	96.2
7,890	3/4	9.9	106.1
8,707	3/4	10.7	116.8
9,522	1-1/2	21.3	138.1
9,846	2	11.3	149.4
10,650	2	28.1	177.5
11,239	2	20.5	198.0
11,975	3	38.7	236.7
12,610	2	22.2	258.9
12,940	3-1/4	18.7	277.6
13,200	3	13.6	<u>291.2</u>
Total displacement			291.2

Surveys were run in open hole.

I, Charles A. Brown, hereby certify that the above information is true and correct to the best of my knowledge and belief.

Charles A. Brown
Mgr. Drilling & Production

PENNZOIL COMPANY
1007 Midland Savings Building
Midland, Texas

Sworn and Subscribed to before me this 23 day of November, 1965.

Verna L. Wells
Notary Public in and for
Midland County, Texas
VERNA L. WELLS

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. E-9864	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Drilling		7. Unit Agreement Name -
2. Name of Operator PENNZOIL COMPANY		8. Farm or Lease Name Cone-State
3. Address of Operator 1007 Midland Savings Bldg., Midland, Texas		9. Well No. 1
4. Location of Well UNIT LETTER F , 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 11 S RANGE 36 E NMPM.		10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3986' Ground Level		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 6-17-65 - Spudded @ 12:00 noon.
- 6-18-65 - Set 13-3/8" 48# H-40 Casing at 375' and cemented with 375 Sx regular cement plus 2% HA-5. Plug down at 8:30 a. m. Cement circulated.
- 6-19-65 - After 18 hrs tested casing to 800 psi. Press. unchanged for 30 min.
- 6-24-65 - Set 2184' of 8-5/8" 32# J-55 and 2218' of 8-5/8" 24# J-55 casing at 4400' and cemented with 400 Sx Incor 6% gel w/5# salt per sack and 200 Sx Incor neat w/5# salt per Sx. Plug down at 2:30 a. m.
- 6-25-65 - After 24 hrs tested 8-5/8" casing to 1800 psi. Press. unchanged for 30 min.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Charles H. Brown TITLE Mgr. Drilling & Prod. DATE 6-28-65

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: