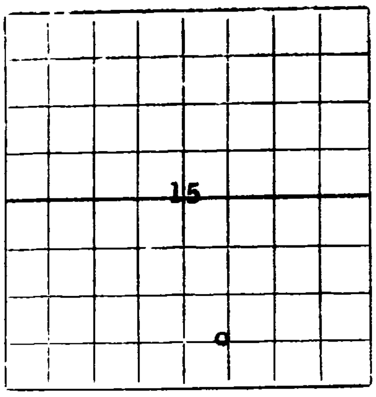
(Revised 7/1/[illegible])
(Form C-105)



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

FEB 11 AM 9 53

WELL RECORD

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

Max Pray (Company or Operator) T. S. Massey (Lease)

Well No. 1, in SW ¼ of SE ¼, of Sec. 15, T. 8 South, R. 36 East, NMPM.

South Prairie - Penn. Pool, Roosevelt County.

Well is 554 feet from South line and 2086 feet from East line

of Section 15 If State Land the Oil and Gas Lease No. is

Drilling Commenced December 27 (12:30AM)62 Drilling was Completed Jan. 31 (8:00 AM), 19 63

Name of Drilling Contractor Sharp Drilling Company

Address P. O. Box 1271, Midland, Texas

Elevation above sea level at Top of Tubing Head 4097 The information given is to be kept confidential until February 8, 19 63

OIL SANDS OR ZONES

No. 1, from 9682 to 9693 No. 4, from to

No. 2, from 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 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
13-3/8	33#	New	350	Float	None		
8-5/8	24 & 32#	New	4110	Float	None		
5-1/2	17#	New	9710	Float	None	9687 - 9693	Oil Zone Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	350	250	Halliburton	Spud Mud	
11	8-5/8	4110	400	Halliburton	Clear Water	
7-7/8	5-1/2	9710	400	Halliburton	9.6	Hole full

RECORD OF PRODUCTION AND STIMULATION

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

Perforations 9687-9693 (8 holes per foot) acidized with 500 gallons (12 bbls.) MCA 15% Halliburton acid loaded with 37.5 barrels salt water. Formation broke from 6100# to 5400# then pumped acid in at 2400# - Well on vacuum after treatment.

Result of Production Stimulation Well kicked off to produce oil and gas after swabbing for period of 2 hours.

Depth Cleaned Out 9702'

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 9710 feet, and from .... feet to .... feet.
Cable tools were used from .... feet to .... feet, and from .... feet to .... feet.

PRODUCTION

Put to Producing February 8, 1963

OIL WELL: The production during the first 24 hours was 192 barrels of liquid of which 100 % was was oil; .... % was emulsion; .... % water; and .... % was sediment. A.P.I. Gravity 46.0 @ 60°

GAS WELL: The production during the first 24 hours was 115 M.C.F. plus .... barrels of liquid Hydrocarbon. Shut in Pressure 800 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	2317'	T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates	2810'	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen		T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres	4045'	T. Granite		T. Dakota	
T. Glorieta	5507'	T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs	6237'	T.		T.	
T. Abo	7764'	T.		T.	
T. ~~Penn~~ Wolfcamp	8987'	T.		T.	
T. ~~Miss~~ Bough "A"	9610'	T.		T.	
T. Bough "B"	9638'				
T. Bough "C"	9682'				

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			See attached lithologic description				

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.

February 8, 1963 (Date)

Company or Operator Max Pray

Address 2207 First National Building
Oklahoma City 2, Oklahoma

Name

Title Geologist-Agent

Attach to Well Record (Form C-105)

FORMATION RECORD AND LITHOLOGIC DESCRIPTION
Max Pray #1 T. S. Massey
SW SE, Sec. 15, T8S-R36E

Surface - 2317	Shale, red and maroon, stringers fine shaley sand
	TOP ANHYDRITE 2317
2317-2400	Dolomite and crystalline anhydrite
2400 - 2810	Shale - interbedded salt and anhydrite
	TOP YATES 2810
2810-4045	Shale, red and orange with numerous red sand beds - thin salt and anhydrite partings
	TOP SAN ANDRES 4045
4045-4800	Dolomite, tight brown to tan scattered beds white crystalline anhydrite
4800-5025	Limestone, light brown to white, very finely crystalline
5025-5507	Dolomite, light tan to brown, very finely crystalline to sucrosic some fine crystalline white limestone. Some sand partings at base, no show.
	TOP GLORIETA 5507
5507-5600	Sand, fine grained, gray and red interbedded with tan very fine crystalline dolomite
5600-6220	Sand, gray and tan fine grained, interbedded with white crystalline anhydrite
6220-6485	Dolomite, brown and tan granular interbedded with very fine texture tight sand
6485-6630	Dolomite, as above with much salt and anhydrite - much leaching of sediments
6630-6937	Dolomite, tan and brown, interbedded with red and gray fine grained sand
	TOP TUBB 6937
6937-7325	Sand, gray, tan, and pink, fine grained, interbedded with tan and light brown dolomite
7325-7764	Dolomite, tan and light brown, with stringers of red and gray fine grained sand and white crystalline granular anhydrite
	TOP ABO 7764
7764-8310	Shale, red and green, blockey, with fairly thin beds of brown to tan very finely crystalline dolomite
8310-8987	Dolomite, tan, crystalline, sucrosic. Some fair porosity streaks with no oil show
	TOP WOLFCAMP 8987
8987-9090	Limestone, tan and light brown, very finely crystalline, interbedded with thin partings tan sucrosic dolomite, and gray to brown opaque chert nodules.
9090-9413	Limestone, white, chalky, grading to tan and brown, very finely crystalline, with tan translucent and brown opaque chert nodules.
9413-9635	Limestone, as above, interbedded with thick red and green shale members.

Core #1 (Bough "B") 9635-9675 (Recovered 40')

9635-36	Dark gray to black very shaley to dense lithographic limestone
9636-38	Dense tan hard very tight limestone
	TOP BOUGH "B" ZONE 9638
9638-39	Gray-white fine crystalline fossiliferous limestone with pinpoint porosity and very slight gas odor - no oil show
9639-41	Gray-white crystalline very porous limestone - slight gassey odor - no oil show - porosity almost completely mud filed
9641-42	Gray-white fine crystalline limestone with pinpoint porosity - very light gas odor - no oil show
9642-44	Tan to gray dense to very fine crystalline tight limestone
9644-47	Dark gray-black dense shale
9647-48	Maroon to rusty red dense slickensided shale
9648-49	Tan to gray dense calcitic limestone
9649-50	Mixture of maroon-red shale, dense dolomite and lime fragments
9650-51	Gray dense limestone mixed with maroon shale
9651-53	Dark gray hard limey shale
9653-54	Gray to tan dense to to very fine crystalline hard tight limestone
9654-55	Dark gray to black splintery to dense hard shale
9655-64	Tan to gray hard dense to fine crystalline limestone with dark gray to black hard dolomitic shale partings
9664-68	Dark gray to black slickensided shale - fossil fusalinids rather abundant - good forms
9668-75	Dark gray to black limey shale - black carbonaceous specs and spots

Core #2 (Bough "C") 9675-9710 (Recovered 35')

9675-9676	Dark gray to black splintery shale with maroon patches
9676-80	Tan to gray dense to very fine crystalline very shaley limestone
9680-82	Light to dark gray very dolomitic shale banded with gray and maroon shale heavy dense but less limey at base.
	TOP BOUGH "C" 9682
9682-88	Tan to gray fairly dense tight limestone, some black mottling, scattered maroon and black shale inclusions - coal black platey shale inclusions increase 9687-88
9688-89	Gray to chalky white medium to coarse crystalline limestone - some chalky gray shale inclusions - few fossils
9689-91	Same as above with occasional pin point porosity - slightly brown halo stain around openings - some slight very small fractures
9691-93	White generally coarse crystalline very porous limestone, porosity almost completely filled with mud - good gas odor
9693-94	White fine to coarse crystalline limestone - scattered porosity appears low permeability - very little light brown oil stain - becomes more dense tan colored and tight at base - good gas odor
9694-97	Tan to dirty gray black very fine crystalline limestone with many black shale inclusions - very slight porosity

9697-98	Tan to gray limestone with large maroon to rusty brown patches - appears fossiliferous - some shale inclusions - tight no visual staining
9698-9701	Tan to light brown very fine crystalline limestone - scattered vuggular porosity - doubtful permeability and no oil staining
9701-02	Dense to very fine crystalline brown limestone with numerous plately coal black splintery shale partings - many well formed fusulinids along and inbedded in shale partings
9702-04	Dense to very fine crystalline gray to brownish limestone, tight - no show
9704-07	Very fine crystalline gray white nonporous limestone
9707-10	Dense dark gray tight limestone - no show - bottom 3" is coal black fossiliferous dense to splintery shale

T. D. 9710'

Warren Pickering