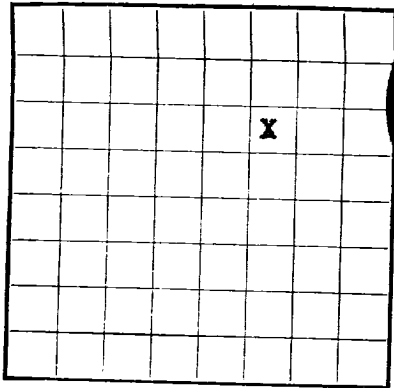




LOCATE WELL CORRECTLY

RECEIVED

MAY 31 1962

OIL CON. COM.
DIST. 3 DEPARTMENT OF THE INTERIOR

UNITED STATES

GEOLOGICAL SURVEY

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078201-A

LEASE OR PERMIT TO PROSPECT

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO
MAY 30 1962**LOG OF OIL OR GAS WELL****CORRECTED COPY**

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Riddle Field Blanco Mesa Verde State New Mexico
Well No. 1-A (OWO) Sec. 15 T. 30-N R. 9W Meridian N.M.P.M. County San Juan
Location 1650 ft. XXX of N Line and 1650 XXX of E Line of Section 15 Elevation 6393
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Original Signed D. W. MeehanDate May 22, 1962Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-1-, 19 51 Finished drilling 10-11-, 19 51**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 3130 to 3183 (G) No. 4, from 5384 to 5488 (G)
No. 2, from 4785 to 4956 (G) No. 5, from _____ to _____
No. 3, from 4956 to 5384 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	36	8 rd	H-40	256	HWC0				Surface
7"	20 & 23	8 rd	J-55	4752	Baker				Intermediate
4 1/2"	10.5	8 rd	J-55	5497	Baker				Prod. casing
2 3/8"	4.7		J-55	5453	Baker				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	263	150	circulated		
7"	4770	250	single stage		
4 1/2"	5507	200	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
51						
10-14-62	Shot 1410 qts of SMI - 4815-5496'					
5-8-62	Perf 5458-64; 5428-34; 5394-5400; 4928-34; 4906-12; Frac w/80,220 gal water, 80,000# sd. Flush 3360 gal water. IR 49 BPM. MP 2750#, BD 900#, tr pr 2400#. 6 stages - 5 drops of 18 balls.					

TOOLS USED

Rotary tools were used from _____ feet to 5510 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-17-, 19 62 Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 2,242,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 822 (tblg.) A.O.P. 5430 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	510	510	Tan coarse-grained sand stone with thin shale breaks.
510	1185	675	Variegated sh with thin sandstone breaks.
1185	1845	660	Tan to gry coarse grained sandstone interbedded w/gry shales.
1845	1925	80	Ojo Alamo sandstone. White coarse-grained sand.
1925	2805	880	Kirtland formation. Gry shale interbedded with tight fine-grained gray sandstone.
2805	3130	325	Fruitland form. Gry carb shales, scattered coals and gry, tight, fine-grained sandstone.
3130	3185	55	Pictured Cliffs form. Gry, fine-grained, tight varicolored soft sandstone.
3185	4785	1600	Lewis form. Gry to wht dense shale with silty to shaley sandstone breaks.
4785	4956	171	Cliff House sandstone. Gry, fine-grained, dense sil sandstone.
4956	5384	428	Mansfee form. Gry, fine-grained sands, carb shales and coal.
5384	5488	104	Point Lookout form. Gry, very fine sil sandstone with frequent shale breaks.
5488	5654 TD	166	Mancos formation. Gry carb shale.



1. Shot off tubing @ 4830' and jointed 155 joints.
2. Set 4" retainer @ 4847 1/2' and squeezed open hole with 200 sacks cement.
3. Pressured up on retainer, set whipstock @ 4785 and drilled to 5510'.
4. Ran long string 4 1/2" casing to 5507'.
5. Ran logs, perforate and fracture.
6. Clean out and ran tubing. Loaded @ 5453'.

STATION SV HIAO CHUOHA SVA TINA SIKL

100-3149-1209 - 1 hr. 210' 000

FROM -	TO -	TOTAL FEET	FORMATION