

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

RECEIVED
JUN 10 1959
OIL CON. COM.
DIST. DEPT.

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1005, Farmington, New Mexico
 Lessor or Tract Frontier Field Uncl. Chap 2 State New Mexico
 Well No. 2-0 (last) Sec. 5 T. 27N R. 11W Meridian NMP County San Juan
 Location 275 ft. N of 1 Line and 450 ft. W of 3 Line of Section 5 Elevation 6121

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. ORIGINAL SIGNED BY: JOSEPH E. HENDERSON

Date July 23, 1979 Title Petroleum Engineer

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

Commenced drilling May 22, 1939 Finished drilling June 11, 1939

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5354' to 5351' No. 4, from _____ to _____
 No. 2, from 5353' to 5350' No. 5, from _____ to _____
 No. 3, from 5350' to 5349' (L) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-1/2"	75	100	100 lbs		
7"	60-10	100	100 lbs		
		100	100 lbs		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material ~~77-1~~ ~~two-stage cement~~ Size ~~2 1/4"~~
no collar **SHOOTING RECORD**

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

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

DATES

Put to producing _____, 19____

The production for the first 24 hours was 210 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in. _____

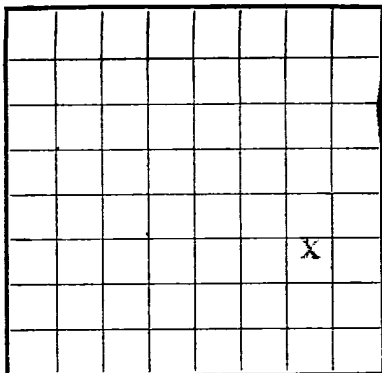
EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	775	775	Interbedded sandstone and shale.
775	847	77	Ojo Blanco ss. white, coarse grained sand.
847	1700	853	Kirtland Form. gy. sh. incl. w/tight gy. f. ss.
1700	1957	257	Kirtland Form. gy. carb. sh., scat. coals, coals & gy. tight f. ss.
1957	2000	43	Fractured Cliffs Form. gy., f. sh., rigid, vari-colored soft ss.
2000	2340	340	Lewis Form. gy. to white ss. sh. w/silty to shaley ss. breaks.
2340	2358	18	Mesa Verde Form. gy., f. sh., silty ss., carb. shale and coal.
2358	2520	162	Asht Lookout Form. gy., v/fn. silty ss. w/frequent shale breaks.
2520	2600	80	Manos Form. gy. carb. shale.
2600	2775	175	Sanip Form. lt. gy. to fm. calc. carb. micaceous glauconitic. Very fn. to med. gy. ss. w/irreg. incl. shale.
2775	3312	537	Sanastee Form. dk. gy. calc. v/fn. to fq. gy. ss. w/calc. veins, w/irreg. incl. dk. gy. ss.
3312	3394	82	Greenhorn Form. highly calc. gy. sh. w/fine ls.
3394	3493	99	Aranceros Form. dk. gy. sh., fossiliferous carb. w/pyrite inclusion.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER 080382-A
LEASE OR PERMIT TO PROSPECTUNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
JUL 29 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Frontier Field Unles, Gallup & / State New Mexico
Well No. 2-C (old) Sec. 5 T. 27N R. 11W Meridian NADP County San Juan
Location 1750 ft. N of S Line and 490 ft. W of S Line of Section 5 Elevation 6124'
(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 _____ Title Petroleum Engineer
Date July 28, 1959

The summary on this page is for the condition of the well at above date.
Commenced drilling May 22, 1959 Finished drilling June 11, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3334' to 5051' No. 4, from _____ to _____
No. 2, from 3913' to 5030' No. 5, from _____ to _____
No. 3, from 6506' to 6542' (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—	
10-3/4"	176	100	100	100	100	100	100	100	100
7"	66-10	1200	1200	1200	1200	1200	1200	1200	1200

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	176	100	Circulated		
7"	66-10	1200	Two Stage		
		1100	2nd Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material 7" Two Stage Cement Size 2-176'
ing Collar

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6616 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 12, 1959 Put to producing July 10, 1959
The production for the first 24 hours was 216 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, B6.2 API 39.3
If gas well, cu. ft. per 24 hours ACF 2,990 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	770	770	Interbedded sandstone and shale.
770	847	77	Ojo Alamo ss. White, coarse grained sand.
847	1705	858	Kirtland Form. Gy. sh. incl. w/tight gy. FG ss.
1705	1887	182	Fruitland Form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1887	2060	173	Pictured Cliffs Form. Gy., FG, right, vari-colored soft ss.
2060	2840	780	Lewis Form. Gy. to white ss. sh. w/silty to shaley ss. breaks.
2840	4238	1398	Mesa Verde Form. Gy., FG, ss. silty ss., carb. shale and coal.
4238	4630	392	Point Lookout Form. Gy., v/fn. silty ss. w/frequent shale breaks.
4630	5500	870	Mancos Form. Gy. carb. shale.
5500	5975	475	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gy. ss. w/irreg. incl. shale.
5975	6342	367	Sanastee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. incl. dk. gy. sd.
6342	6394	52	Greenhorn Form. Highly calc. gy. sh. w/thin ls.
6394	6503	114	Graneros Form. Dk. gy. sh., fossil & carb. w/pyrite inclusion.
ESOW—	LO—	LOLVF EEL	

FORMATION RECORD—Continued

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.



U. S. LAND OFFICE 3F
SERIAL NUMBER 090382-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

- U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
 Lessor or Tract 1 Frontier Field Uncl. Gallup & Jazote State New Mexico
 Well No. 2-0 (20) Sec. 9 T. 27N R. 11W Meridian N. 27N County San Juan
 Location 4750 ft. N. of 5 Line and 350 ft. W. of 13 Line of Section 5 Elevation 6121

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. ORIGINAL SIGNED BY: JOSEPH E. MURPHY

Date July 23, 1959 Title Petroleum Engineer

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

Commenced drilling May 22 1959 Finished drilling June 11 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5351' to 5361' No. 4, from _____ to _____
 No. 2, from 5371' to 5380' No. 5, from _____ to _____
 No. 3, from 6506' to 6516' (C) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
10 9/16	16 1/2	12	138	141	141	141	141	141	141
7 1/2	10 1/2	12	138	141	141	141	141	141	141
HISTORY OF OIL OK CV2 UNIT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-5/8"	170	100	Circulation		
7"	60-10	1200 - 1st stage	Two-stage		
		1400 - 2nd stage			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material 7" ~~4 1/2"~~ 5 1/2" Cement Size 2 1/2"

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		see "well history"				

TOOLS USED

Rotary tools were used from _____ feet to 66 in feet, and from _____ feet to _____ feet.

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

DATES

----- July 12 -----, 19-- Put to producing ----- July 16 -----, 19--

The production for the first 24 hours was 210 barrels of fluid of which 100 % was oil; ----- %
emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 24.5

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	770	770	Interbedded sandstone and shale.
770	847	77	Ojo Alamo ss. white, coarse grained sand.
847	1700	853	Kirtland Form. Gy. sn. lobl. w/tight gy. F. ss.
1700	1837	132	Fruitland Form. Gy. carb. sn., scat. coals, coals & gy. tight F. ss.
1837	2060	173	Actured Cliffs Form. Gy., F., right, vari-colored soft ss.
2060	2340	730	Lewis Form. Gy. to white ss. sh. w/silty to shaley ss. breaks.
2340	1233	1398	Mesa Verde Form. Gy., F., ls. silty ss., carb. shale and coal.
1233	1050	182	Point Lookout Form. Gy., v/fn. silty ss. w/frequent shale breaks.
1050	8500	870	Wancos Form. Gy. carb. shale.
8500	8475	475	Callup Form. Lt. gy. to tra. calc. carb. micaceous glauconitic. Very fn. to med. gy. ss. w/irreg. lobl. shale.
8475	6342	367	Sanastee Form. Ok. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. lobl. lk. gy. sh.
6342	6391	52	Greenhorn Form. Highly calc. gy. sh. w/fine ls.
6391	6501	114	Graneros Form. Lk. gy. sh., fossil & carb. w/pyrite inclusion.

LOCATIONS RECORD-CONFIDENTIAL

10 13004 4

