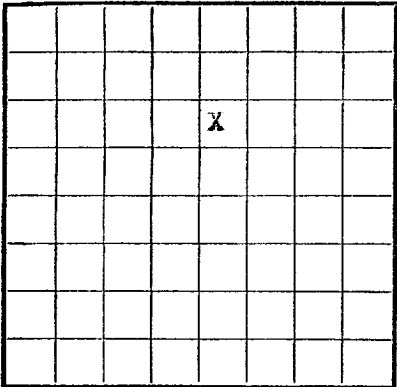


U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-20-603-1056
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Kita Peak Field Wildcat State New Mexico
Well No. 2 Sec. 26 T. 32N R. 21W Meridian NM1M County San Juan
Location 1750 ft. Box of N Line and 2030 ft. Box of E Line of Section 26 Elevation 5030'
(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 W. F. Doran

Date January 3, 1957 Title Petroleum Engineer

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

Commenced drilling 8-13-56, 19____ Finished drilling 10-10-56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6010 to 6057 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
13-3/8"	48 1/2	8 RD	J-55	219'	Howco				Surface
9-5/8"	36 1/2	8 RD	J-55	1912'	Baker				Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	234'	250	Circulated		
9-5/8"	1913'	750	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

TOOLS USED

Rotary tools were used from _____ feet to 6125 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

F&A 10-11-56, 19____ 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 _____ 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	920	920	Morrison form. Interbed grn brn and red waxy sh & ir to cr grn sd.
920	990	70	Summerville, red-brn soft sdy to shaly slst & wh fn to med grn rnd poorly cons. ss.
990	1070	80	Entrado, orange, fr grn cl uncon. rd to sub-rnded ss.
1070	1110	40	Carmel, red to brn sft well cons. sh & orange uncon. vry fine to fn grn cl sub-rd ss.
1110	1885	775	Wingate, orange, vry fn to med grn uncon. rnd to sub-rd ss & drk or soft sli sdy slss.
1885	2527	642	Chinle form. rd to rd br sft sh w/occas. thin beds of brn & gry lst.
2527	2655	128	Shinarump form. Gry & purple med grn congl. ss inter with soft brn & grn sh.
2655	2825	170	Moenkopi form. Gry brn & purple soft sh inter. with gry grn fine grn sandstone.
2825	3125	300	DeChelly form. Wh & orange frm to cr grn frosted quartz ss.
3125	3672	547	Cutler Redbeds form. red brn soft silty sh.
3672	4300	628	Cutler Evaporites form. rd brn soft anhy. sh. shale & siltstone.
4300	4588	288	Rico form. Gry & grn soft sh, grn silstone & drk. brn to wh hd lmst.
4588	5355	769	Hermosa form. Wh gry & buff fn cryst hd chirty ls
5355	6125	770	Paradox form. For. to dense gry to wh lmst w/ inter. blk sh.

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been drymited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

Size	Weight	Length	Width	Depth	Volume
1/2"	1.00	1.00	1.00	1.00	1.00
3/4"	1.50	1.50	1.50	1.50	1.50
1"	2.00	2.00	2.00	2.00	2.00
1 1/4"	3.00	3.00	3.00	3.00	3.00
1 1/2"	4.00	4.00	4.00	4.00	4.00
1 3/4"	5.00	5.00	5.00	5.00	5.00
2"	6.00	6.00	6.00	6.00	6.00
2 1/4"	7.00	7.00	7.00	7.00	7.00
2 1/2"	8.00	8.00	8.00	8.00	8.00
2 3/4"	9.00	9.00	9.00	9.00	9.00
3"	10.00	10.00	10.00	10.00	10.00
3 1/4"	11.00	11.00	11.00	11.00	11.00
3 1/2"	12.00	12.00	12.00	12.00	12.00
3 3/4"	13.00	13.00	13.00	13.00	13.00
4"	14.00	14.00	14.00	14.00	14.00
4 1/4"	15.00	15.00	15.00	15.00	15.00
4 1/2"	16.00	16.00	16.00	16.00	16.00
4 3/4"	17.00	17.00	17.00	17.00	17.00
5"	18.00	18.00	18.00	18.00	18.00
5 1/4"	19.00	19.00	19.00	19.00	19.00
5 1/2"	20.00	20.00	20.00	20.00	20.00
5 3/4"	21.00	21.00	21.00	21.00	21.00
6"	22.00	22.00	22.00	22.00	22.00
6 1/4"	23.00	23.00	23.00	23.00	23.00
6 1/2"	24.00	24.00	24.00	24.00	24.00
6 3/4"	25.00	25.00	25.00	25.00	25.00
7"	26.00	26.00	26.00	26.00	26.00
7 1/4"	27.00	27.00	27.00	27.00	27.00
7 1/2"	28.00	28.00	28.00	28.00	28.00
7 3/4"	29.00	29.00	29.00	29.00	29.00
8"	30.00	30.00	30.00	30.00	30.00
8 1/4"	31.00	31.00	31.00	31.00	31.00
8 1/2"	32.00	32.00	32.00	32.00	32.00
8 3/4"	33.00	33.00	33.00	33.00	33.00
9"	34.00	34.00	34.00	34.00	34.00
9 1/4"	35.00	35.00	35.00	35.00	35.00
9 1/2"	36.00	36.00	36.00	36.00	36.00
9 3/4"	37.00	37.00	37.00	37.00	37.00
10"	38.00	38.00	38.00	38.00	38.00
10 1/4"	39.00	39.00	39.00	39.00	39.00
10 1/2"	40.00	40.00	40.00	40.00	40.00
10 3/4"	41.00	41.00	41.00	41.00	41.00
11"	42.00	42.00	42.00	42.00	42.00
11 1/4"	43.00	43.00	43.00	43.00	43.00
11 1/2"	44.00	44.00	44.00	44.00	44.00
11 3/4"	45.00	45.00	45.00	45.00	45.00
12"	46.00	46.00	46.00	46.00	46.00
12 1/4"	47.00	47.00	47.00	47.00	47.00
12 1/2"	48.00	48.00	48.00	48.00	48.00
12 3/4"	49.00	49.00	49.00	49.00	49.00
13"	50.00	50.00	50.00	50.00	50.00
13 1/4"	51.00	51.00	51.00	51.00	51.00
13 1/2"	52.00	52.00	52.00	52.00	52.00
13 3/4"	53.00	53.00	53.00	53.00	53.00
14"	54.00	54.00	54.00	54.00	54.00
14 1/4"	55.00	55.00	55.00	55.00	55.00
14 1/2"	56.00	56.00	56.00	56.00	56.00
14 3/4"	57.00	57.00	57.00	57.00	57.00
15"	58.00	58.00	58.00	58.00	58.00
15 1/4"	59.00	59.00	59.00	59.00	59.00
15 1/2"	60.00	60.00	60.00	60.00	60.00
15 3/4"	61.00	61.00	61.00	61.00	61.00
16"	62.00	62.00	62.00	62.00	62.00
16 1/4"	63.00	63.00	63.00	63.00	63.00
16 1/2"	64.00	64.00	64.00	64.00	64.00
16 3/4"	65.00	65.00	65.00	65.00	65.00
17"	66.00	66.00	66.00	66.00	66.00
17 1/4"	67.00	67.00	67.00	67.00	67.00
17 1/2"	68.00	68.00	68.00	68.00	68.00
17 3/4"	69.00	69.00	69.00	69.00	69.00
18"	70.00	70.00	70.00	70.00	70.00
18 1/4"	71.00	71.00	71.00	71.00	71.00
18 1/2"	72.00	72.00	72.00	72.00	72.00
18 3/4"	73.00	73.00	73.00	73.00	73.00
19"	74.00	74.00	74.00	74.00	74.00
19 1/4"	75.00	75.00	75.00	75.00	75.00
19 1/2"	76.00	76.00	76.00	76.00	76.00
19 3/4"	77.00	77.00	77.00	77.00	77.00
20"	78.00	78.00	78.00	78.00	78.00
20 1/4"	79.00	79.00	79.00	79.00	79.00
20 1/2"	80.00	80.00	80.00	80.00	80.00
20 3/4"	81.00	81.00	81.00	81.00	81.00
21"	82.00	82.00	82.00	82.00	82.00
21 1/4"	83.00	83.00	83.00	83.00	83.00
21 1/2"	84.00	84.00	84.00	84.00	84.00
21 3/4"	85.00	85.00	85.00	85.00	85.00
22"	86.00	86.00	86.00	86.00	86.00
22 1/4"	87.00	87.00	87.00	87.00	87.00
22 1/2"	88.00	88.00	88.00	88.00	88.00
22 3/4"	89.00	89.00	89.00	89.00	89.00
23"	90.00	90.00	90.00	90.00	90.00
23 1/4"	91.00	91.00	91.00	91.00	91.00
23 1/2"	92.00	92.00	92.00	92.00	92.00
23 3/4"	93.00	93.00	93.00	93.00	93.00
24"	94.00	94.00	94.00	94.00	94.00
24 1/4"	95.00	95.00	95.00	95.00	95.00
24 1/2"	96.00	96.00	96.00	96.00	96.00
24 3/4"	97.00	97.00	97.00	97.00	97.00
25"	98.00	98.00	98.00	98.00	98.00
25 1/4"	99.00	99.00	99.00	99.00	99.00
25 1/2"	100.00	100.00	100.00	100.00	100.00
25 3/4"	101.00	101.00	101.00	101.00	101.00
26"	102.00	102.00	102.00	102.00	102.00
26 1/4"	103.00	103.00	103.00	103.00	103.00
26 1/2"	104.00	104.00	104.00	104.00	104.00
26 3/4"	105.00	105.00	105.00	105.00	105.00
27"	106.00	106.00	106.00	106.00	106.00
27 1/4"	107.00	107.00	107.00	107.00	107.00
27 1/2"	108.00	108.00	108.00	108.00	108.00
27 3/4"	109.00	109.00	109.00	109.00	109.00
28"	110.00	110.00	110.00	110.00	110.00
28 1/4"	111.00	111.00	111.00	111.00	111.00
28 1/2"	112.00	112.00	112.00	112.00	112.00
28 3/4"	113.00	113.00	113.00	113.00	113.00
29"	114.00	114.00	114.00	114.00	114.00
29 1/4"	115.00	115.00	115.00	115.00	115.00
29 1/2"	116.00	116.00	116.00	116.00	116.00
29 3/4"	117.00	117.00	117.00	117.00	117.00
30"	118.00	118.00	118.00	118.00	118.00
30 1/4"	119.00	119.00	119.00	119.00	119.00
30 1/2"	120.00	120.00	120.00	120.00	120.00
30 3/4"	121.00	121.00	121.00	121.00	121.00
31"	122.00	122.00	122.00	122.00	122.00
31 1/4"	123.00	123.00	123.00	123.00	123.00
31 1/2"	124.00	124.00	124.00	124.00	124.00
31 3/4"	125.00	125.00	125.00	125.00	125.00
32"	126.00	126.00	126.00	126.00	126.00
32 1/4"	127.00	127.00	127.00	127.00	127.00
32 1/2"	128.00	128.00	128.00	128.00	128.00
32 3/4"	129.00	129.00	129.00	129.00	129.00
33"	130.00	130.00	130.00	130.00	130.00
33 1/4"	131.00	131.00	131.00	131.00	131.00
33 1/2"	132.00	132.00	132.00	132.00	132.00
33 3/4"	133.00	133.00	133.00	133.00	133.00
34"	134.00	134.00	134.00	134.00	134.00
34 1/4"	135.00	135.00	135.00	135.00	135.00
34 1/2"	136.00	136.00	136.00	136.00	136.00
34 3/4"	137.00	137.00	137.00	137.00	137.00
35"	138.00	138.00	138.00	138.00	138.00
35 1/4"	139.00	139.00	139.00	139.00	139.00
35 1/2"	140.00	140.00	140.00	140.00	140.00
35 3/4"	141.00	141.00	141.00	141.00	141.00
36"	142.00	142.00	142.00	142.00	142.00
36 1/4"	143.00	143.00	143.00	143.00	143.00
36 1/2"	144.00	144.00	144.00	144.00	144.00
36 3/4"	145.00	145.00	145.00	145.00	145.00
37"	146.00	146.00	146.00	146.00	146.00
37 1/4"	147.00	147.00	147.00	147.00	147.00
37 1/2"	148.00	148.00	148.00	148.00	148.00
37 3/4"	149.00	149.00	149.00	149.00	149.00
38"	150.00	150.00	150.00	150.00	150.00
38 1/4"	151.00	151.00	151.00	151.00	151.00
38 1/2"	152.00	152.00	152.00	152.00	152.00
38 3/4"	153.00	153.00	153.00	153.00	153.00
39"	154.00	154.00	154.00	154.00	154.00
39 1/4"	155.00	155.00	155.00	155.00	155.00
39 1/2"	156.00	156.00	156.00	156.00	156.00
39 3/4"	157.00	157.00	157.00	157.00	157.00
40"	158.00	158.00	158.00	158.00	158.00
40 1/4"	159.00	159.00	159.00	159.00	159.00
40 1/2"	160.00	160.00	160.00	160.00	160.00
40 3/4"	161.00	161.00	161.00	161.00	161.00
41"	162.00	162.00	162.00	162.00	162.00
41 1/4"	163.00	163.00	163.00	163.00	163.00
41 1/2"	164.00	164.00	164.00	164.00	164.00
41 3/4"	165.00	165.00	165.00	165.00	165.00
42"	166.00	166.00	166.00	166.00	166.00
42 1/4"	167.00	167.00	167.00	167.00	167.00
42 1/2"	168.00	168.00	168.00	168.00	168.00
42 3/4"	169.00	169.00	169.00	169.00	169.00
43"	170.00	170.00	170.00	170.00	170.00
43 1/4"	171.00	171.00	171.00	171.00	171.00
43 1/2"	172.00	172.00	172.00	172.00	172.00
43 3/4"	173.00	173.00	173.00	173.00	173.00
44"	174.00	174.00	174.00	174.00	174.00
44 1/4"	175.00	175.00	175.00	175.00	175.00
44 1/2"	176.00	176.00	176.00	176.00	176.00
44 3/4"	177.00	177.00	177.00	177.00	177.00
45"	178.00	178.00	178.00	178.00	178.00
45 1/4"	179.00	179.00	179.00	179.00	179.00
45 1/2"	180.00	180.00	180.00	180.00	180.00
45 3/4"	181.00	181.00	181.00	181.00	181.00
46"	182.00	182.00	182.00	182.00	182.00
46 1/4"	183.00	183.00	183.00	183.00	183.00
46 1/2"	184.00	184.00	184.00	184.00	184.00
46 3/4"	185.00	185.00	185.00	185.00	185.00
47"	186.00	186.00	186.00	186.00	186.00
47 1/4"	187.00	187.00			

WORLD, IVANKA