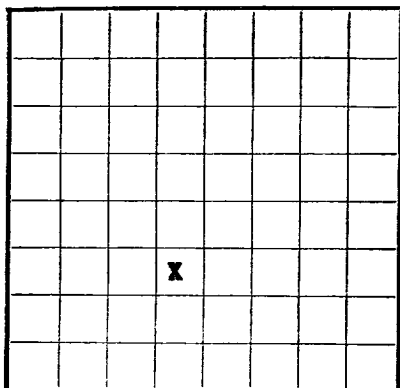




LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
OCT 18 1961
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC 957798
LEASE OR PERMIT TO PROSPECT _____

30-015-55704
00628

LOG OF OIL OR GAS WELL

Company Carper-Sivley Empire Joint Account Address Artesia, New MexicoLessor or Tract Magruder Field Empire-Abo State New MexicoWell No. 15 Sec. 35 T. 17S R. 27E Meridian NMP County EddyLocation 1650 ft. [N.] of [S.] Line and 2310 ft. [E.] of [W.] Line of Section 35 Elevation 3639'
(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. CARPER DRILLING COMPANY, INC.Signed [Signature]Date October 17, 1961 Title Vice President

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

Commenced drilling September 25, 1961 Finished drilling October 11, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
4 5/8 32.30	8	8	8	973	8	8	8	8	8
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	984	300	Pump & plug		

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 _____ feet, and from _____ feet to _____ feet

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

DATES

October 17, 1961 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

Pecos Drilling Company _____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	900	900	Anhy & gyp, interbedded sd.
900	940	40	Sd.
940	1240	300	Anhy, with interbedded sd.
1240	1600	360	Dolo, with interbedded sd.
1600	1632	32	Sd. LOG. ADD GEOLOGIC TOPS. STATE
1632	2996	1364	Dolo. WHETHER IN THE STATE
2996	3082	86	Sd & dolo.
3082	3170	88	Dolo.
3170	3208	38	Sd.
3208	4605	1397	Dolo.
4605	4677	72	Sd with interbedded dolo.
4677	5178	501	Dolo.
5178	5505	327	Dolo. with interbedded green shale.
5505	5704	199	Dolo
			Top Queen 900'
			T. San Andres 1632'
			T. Glorieta 2996'
			T. Abo 5178'

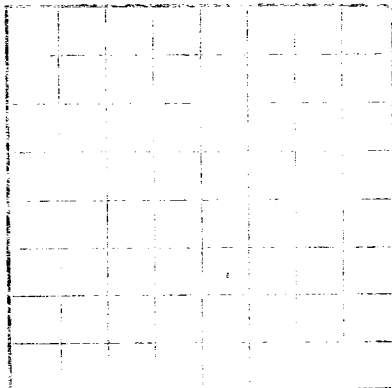
Enclosed are two copies of Schlumberger Gamma Ray-Sonic, Laterolog and Microlaterolog.

LOG OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES



LOCATE WELL CORRECTLY

For every well drilled, whether or not it is completed, the following information should be recorded: Name of well, location, date of drilling, depth, and other data. The information given here is a complete and correct record of the well and all work done thereon. It is to be used for all purposes, and the information should be as accurate as possible.

Date of completion of well: _____
The information on this page is for the condition of the well at above date.

Completed drilling: _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

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

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 dynamited, 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 testing.

HISTORY OF OIL OR GAS WELL

U.S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Casing size	Whitewash	Number sacks of cement	Method used	Kind of gravel	Amount of sand used

FLUIDS AND ADJUSTING

Adjusting plug—Material _____
Leaving plug—Material _____

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out

TOOLS USED

Tools used: _____
Cable tools used: _____
But no production _____

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil. _____ emulsion; _____ water; and _____ gas. It gas well out at _____ per 24 hours. _____ emulsion; _____ water; and _____ gas. _____ per 24 hours.

EMPLOYEES

_____ Driller
_____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	800	800	Reddish-brown sand, interbedded sh.
800	850	850	Sh.
850	900	900	Sh.
900	950	950	Sh.
950	1000	1000	Sh.
1000	1050	1050	Sh.
1050	1100	1100	Sh.
1100	1150	1150	Sh.
1150	1200	1200	Sh.
1200	1250	1250	Sh.
1250	1300	1300	Sh.
1300	1350	1350	Sh.
1350	1400	1400	Sh.
1400	1450	1450	Sh.
1450	1500	1500	Sh.
1500	1550	1550	Sh.
1550	1600	1600	Sh.
1600	1650	1650	Sh.
1650	1700	1700	Sh.
1700	1750	1750	Sh.
1750	1800	1800	Sh.
1800	1850	1850	Sh.
1850	1900	1900	Sh.
1900	1950	1950	Sh.
1950	2000	2000	Sh.
2000	2050	2050	Sh.
2050	2100	2100	Sh.
2100	2150	2150	Sh.
2150	2200	2200	Sh.
2200	2250	2250	Sh.
2250	2300	2300	Sh.
2300	2350	2350	Sh.
2350	2400	2400	Sh.
2400	2450	2450	Sh.
2450	2500	2500	Sh.
2500	2550	2550	Sh.
2550	2600	2600	Sh.
2600	2650	2650	Sh.
2650	2700	2700	Sh.
2700	2750	2750	Sh.
2750	2800	2800	Sh.
2800	2850	2850	Sh.
2850	2900	2900	Sh.
2900	2950	2950	Sh.
2950	3000	3000	Sh.
3000	3050	3050	Sh.
3050	3100	3100	Sh.
3100	3150	3150	Sh.
3150	3200	3200	Sh.
3200	3250	3250	Sh.
3250	3300	3300	Sh.
3300	3350	3350	Sh.
3350	3400	3400	Sh.
3400	3450	3450	Sh.
3450	3500	3500	Sh.
3500	3550	3550	Sh.
3550	3600	3600	Sh.
3600	3650	3650	Sh.
3650	3700	3700	Sh.
3700	3750	3750	Sh.
3750	3800	3800	Sh.
3800	3850	3850	Sh.
3850	3900	3900	Sh.
3900	3950	3950	Sh.
3950	4000	4000	Sh.
4000	4050	4050	Sh.
4050	4100	4100	Sh.
4100	4150	4150	Sh.
4150	4200	4200	Sh.
4200	4250	4250	Sh.
4250	4300	4300	Sh.
4300	4350	4350	Sh.
4350	4400	4400	Sh.
4400	4450	4450	Sh.
4450	4500	4500	Sh.
4500	4550	4550	Sh.
4550	4600	4600	Sh.
4600	4650	4650	Sh.
4650	4700	4700	Sh.
4700	4750	4750	Sh.
4750	4800	4800	Sh.
4800	4850	4850	Sh.
4850	4900	4900	Sh.
4900	4950	4950	Sh.
4950	5000	5000	Sh.
5000	5050	5050	Sh.
5050	5100	5100	Sh.
5100	5150	5150	Sh.
5150	5200	5200	Sh.
5200	5250	5250	Sh.
5250	5300	5300	Sh.
5300	5350	5350	Sh.
5350	5400	5400	Sh.
5400	5450	5450	Sh.
5450	5500	5500	Sh.
5500	5550	5550	Sh.
5550	5600	5600	Sh.
5600	5650	5650	Sh.
5650	5700	5700	Sh.
5700	5750	5750	Sh.
5750	5800	5800	Sh.
5800	5850	5850	Sh.
5850	5900	5900	Sh.
5900	5950	5950	Sh.
5950	6000	6000	Sh.
6000	6050	6050	Sh.
6050	6100	6100	Sh.
6100	6150	6150	Sh.
6150	6200	6200	Sh.
6200	6250	6250	Sh.
6250	6300	6300	Sh.
6300	6350	6350	Sh.
6350	6400	6400	Sh.
6400	6450	6450	Sh.
6450	6500	6500	Sh.
6500	6550	6550	Sh.
6550	6600	6600	Sh.
6600	6650	6650	Sh.
6650	6700	6700	Sh.
6700	6750	6750	Sh.
6750	6800	6800	Sh.
6800	6850	6850	Sh.
6850	6900	6900	Sh.
6900	6950	6950	Sh.
6950	7000	7000	Sh.
7000	7050	7050	Sh.
7050	7100	7100	Sh.
7100	7150	7150	Sh.
7150	7200	7200	Sh.
7200	7250	7250	Sh.
7250	7300	7300	Sh.
7300	7350	7350	Sh.
7350	7400	7400	Sh.
7400	7450	7450	Sh.
7450	7500	7500	Sh.
7500	7550	7550	Sh.
7550	7600	7600	Sh.
7600	7650	7650	Sh.
7650	7700	7700	Sh.
7700	7750	7750	Sh.
7750	7800	7800	Sh.
7800	7850	7850	Sh.
7850	7900	7900	Sh.
7900	7950	7950	Sh.
7950	8000	8000	Sh.
8000	8050	8050	Sh.
8050	8100	8100	Sh.
8100	8150	8150	Sh.
8150	8200	8200	Sh.
8200	8250	8250	Sh.
8250	8300	8300	Sh.
8300	8350	8350	Sh.
8350	8400	8400	Sh.
8400	8450	8450	Sh.
8450	8500	8500	Sh.
8500	8550	8550	Sh.
8550	8600	8600	Sh.
8600	8650	8650	Sh.
8650	8700	8700	Sh.
8700	8750	8750	Sh.
8750	8800	8800	Sh.
8800	8850	8850	Sh.
8850	8900	8900	Sh.
8900	8950	8950	Sh.
8950	9000	9000	Sh.
9000	9050	9050	Sh.
9050	9100	9100	Sh.
9100	9150	9150	Sh.
9150	9200	9200	Sh.
9200	9250	9250	Sh.
9250	9300	9300	Sh.
9300	9350	9350	Sh.
9350	9400	9400	Sh.
9400	9450	9450	Sh.
9450	9500	9500	Sh.
9500	9550	9550	Sh.
9550	9600	9600	Sh.
9600	9650	9650	Sh.
9650	9700	9700	Sh.
9700	9750	9750	Sh.
9750	9800	9800	Sh.
9800	9850	9850	Sh.
9850	9900	9900	Sh.
9900	9950	9950	Sh.
9950	10000	10000	Sh.

FORMATION RECORD—Continued