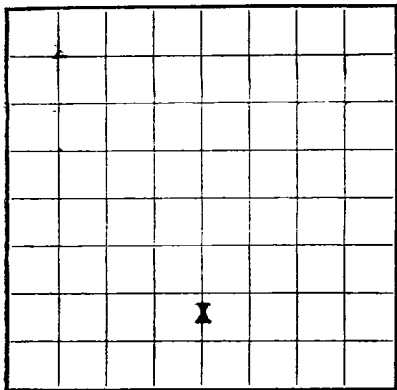


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER MM 015014
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Kern County Land Company Address 301 Korber Bldg., Albuquerque, N.M.
Lessor or Tract McKenzie Federal Field Undesignated-Dk State New Mexico
Well No. 34-25 Sec. 25 T. 25N R. 6W Meridian NMPM County Flo Arriba
Location 950 ft. N. of S Line and 1850 ft. E. of E Line of Sec. 25 Elevation 6640
(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 by T. A. Dugan

Date 10-10-59 Title Consulting Engineer

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

Commenced drilling 7-17, 1959 Finished drilling 8-10, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2547 to 2558 G No. 4, from 6868 to 6934 G
No. 2, from 3388 to 3514 G No. 5, from _____ to _____
No. 3, from 5914 to 5996 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	32.75	8R	CPM	302.69	Baker				
7"	28	8R	National	6863	Baker				
2-3/8	4.7	8R	National	6863					
2-3/8	4.7	8R	National	5987					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	316	325	Pump-plug		
7"	7000	500	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

Well Completed as Gallup-Dakota Dual
See reverse side

TOOLS USED

Rotary tools were used from surface feet to 7000 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-7 59 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, 100 0

If gas well, cu. ft. per 24 hours 2,008,000 Gallons gasoline per 1,000 cu. ft. of gas 41° API

Rock pressure, lbs. per sq. in. 2437 psig CAOF 20/1 MFPD

EMPLOYEES
Entledge Drlg Co, Driller Jack Baker, Geologist
Pete Horton - Pusher, Driller Ed Birtchall Supt., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Pictured Cliffs 2547
			Chacra 3388
			Cliff House 4110
			Gallup 5856
			Greenhorn 6683
			Graneros 6733
			Dakota 6790

FOLD MARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Company Name _____
Address _____
City _____ State _____
Telephone _____
Person or Title _____
Your Name _____
Your Address _____
City _____ State _____
Telephone _____
The information on this form is for company use only and is not to be used for other purposes.
Do not write in these spaces.

State of Illinois, County of Cook, ss. I, Clerk of said County, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of said County.

8-13-59 Port Dakota & Jeter/It 6939-6897 & 6878-6868. 8-12 Fine in w/e Dowell
Allisons - 22,000# 40-60 sd (850 bbls Gallup crude) - Bd 2700 If 3600 Max &
Fine 3800# Ave IR 43 B/A started sand at 44#/gal w/ 5670# in well increased to
12#/gal w/ total of 6930# sd into fm. Swtge broke on well head - well out of
control - shut the valve in - flowed well back through the - well gauged 1642 MCF
refracted same zone w/ (1035 bbls Givens) 34,000# 40-60 sd 34,000 gal crude Bd 2700
If 4000 min 3800 Max 4200 Fine 4200 S and C 1#/gal throughout Fine Ave IR 41B/M
1 hr running press 1500#.
8-15-59 Set Baker Model w/d packer on Mercury valve line & 6800 packer had Flapper
valve in place - Set Baker D-R plug in Model w/d packer.
8-16-59 King Gallup part 5914-5996 w/ 5 Dowell Allisons 250 rubber balls 50,000
gal lease crude 48,000# 20-40 sd Breakdown - 8000 If 2250 Min 2100 Max & Fine
2300 Ave 2200 drop rubber balls 50,000# 20-40 sd Breakdown - 8000 If 2250 Min 2100 Max & Fine
Total oil used 1470 bbls Shut-in press at end 18 min 1350#.

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 "shot or cased", 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 piers or bridges were put in to rest for water, state kind of material used, position, and results of pumping or bailing or shoring.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			FORMATION RECORD
			EMPLOYEES
			WORKS USED
			FORMED RECORD
			MIXING AND CEMENTING RECORD