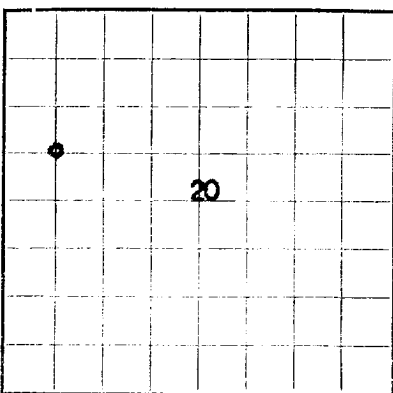
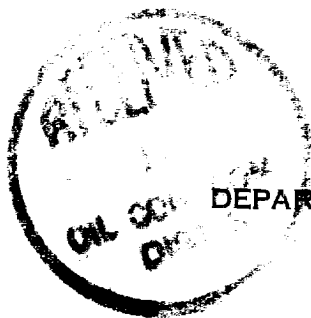




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Navajo IndianSERIAL NUMBER 11-20-603-1149

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, TexasLessor or Tract Ka-Cee-Tah Field Bisti State New MexicoWell No. 1 Sec. 10 T. 25N R. 12W Meridian N.M.P.M. County San JuanLocation 1980 ft. XX of N Line and 660 ft. XX of W Line of Section 10 Elevation 6218 (Detrick 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 Paul J. BlateDate _____ Title Drilling Superintendent

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

Commenced drilling April 4, 1957 Finished drilling April 20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4845 to 4870 (oil) 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—	
9 5/8"	36#	8P.d.	J-55	212					Surface
5 1/2"	15.5#	8P.d.	J-55	4967					Prod. Gg.
2 3/8"	4.7#	8P.d.	J-55	4884					Tubing
HISJOYA CE ON OK QVA MEI									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	212 K.B.	150	Pump Plug		
5 1/2"	4967 K.B.	150	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
Perf. with 80 shots from 4845-4870 Sand-oil fractured with 20,000 lbs of 20-40 Mesh Sand and 25,410 gal. Treating Fluid.						

TOOLS USED

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

Cable tools were used SS feet to _____ feet, and from _____ feet to _____ feetXXX Completion

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 480 barrels of fluid of which _____% was oil; _____%(Based on % water cut of _____) Gravity, °Bé. 42 A.P.I.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

New Drilling Company, Driller _____, Driller H. C. PhillipsG. L. Rosenbaum, Driller _____, Driller C. E. Phillips

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1120	1120	Surface
1120	1155	35	Pictured Cliff Sandstone
1155	1480	325	Lewis Shale Sandstone
1480	2470	990	Cliff House Sandstone
2470	3600	1130	Menefee
3600	3773	773	Point Lookout Sandstone
3773	4680	907	Mancos Shale
4680	4970	290	Gallup Sandstone

Tops: Pictured Cliffs 1120
Cliff House 1480
Point Lookout 3600
Gallup 4680

