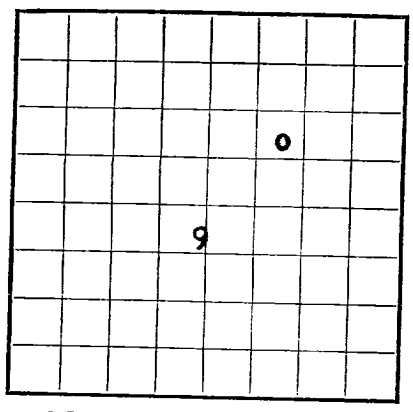
Form 9-330



LOCATE WELL CORRECTLY

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE SANTA FE
SERIAL NUMBER SF 078212
LEASE OR PERMIT TO PROSPECT E/2
SEC.9,T-30N,R-13W,N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SOUTHERN UNION PRODUCTION COMPANY Address POST OFFICE BOX 808, FARMINGTON, N.M.

Lessor or Tract MC CORD Field BASIN DAKOTA State NEW MEXICO

Well No. 6 Sec. 9 T. 30N R. 13W Meridian N.M.P.M. County SAN JUAN

Location 1810 ft. {N/S} of N Line and 1450 ft. {E/W} of E Line of SECTION 9 Elevation 5594
(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 D. G. Macy D. G. MACY

Date OCTOBER 30, 1963 Title PETROLEUM ENGINEER

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

Commenced drilling OCTOBER 16, 1963 Finished drilling OCTOBER 30, 1963

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6105 to 6285 (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 From—	Perforated To—	Purpose
8 5/8	24.0	8 RD	[illegible]	264	BELL	NONE			SURFACE
4 1/2	10.5	8 RD	JUMES	6360	BAKER	NONE	6105	6288	PRODUCTION
1 1/2	2.90	10 RD	JCW	6097	-	NONE	6099	6107	TUBING

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	264	150 SX	CIRCULATED		
4 1/2	6360	1825 CU.FT.	PUMP PLUG		
1 1/2	6107	NONE			

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. 12 HOLES FROM 6105 TO 6285 FT. FRAC W/60 TONS LIQUID CO2. PERF. ADDITIONAL 13 HOLES 6105 TO 6288. SAND, WATER, CO2 FRAC W/69,258 GAL. WATER CONTAINING 310 CU.FT. CO2 PER BBL & 60,000# 20-40 SAND						

TOOLS USED

Rotary tools were used from SURFACE feet to 6360 feet, and from ____ feet to ____ feet

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

DATES

____, 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 Q=2476 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 1616 CAOF=3091, SITP=1604 SICP=1603

EMPLOYEES

ASPEN DRILLING COMPANY, Driller V. J. HILL, Driller

FRANK MOLLOY, Driller C. E. WATSON, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
SURFACE	630	630	WASATCH
630	1390	760	KIRTLAND
1390	1585	195	FRUITLAND
1585	1710	125	PICTURED CLIFFS
1710	3133	1423	LEWIS
3133	4280	1147	MESA VERDE
4280	6045	1765	MANCOS
6045	6360	315	DAKOTA

(OVER)

16—43094-5

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of refrilling, 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 bailing.