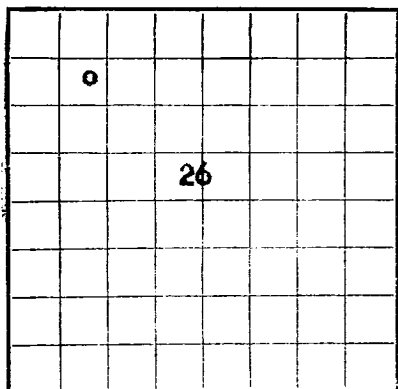
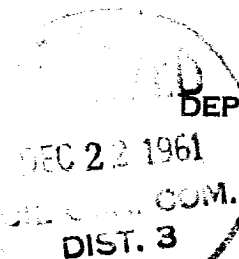




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE JICARILLA
SERIAL NUMBER Tribe of Indians
Contract # 106
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company SOUTHERN UNION PRODUCTION COMPANY Address P.O. BOX 808 - FARMINGTON, NEW MEXICO
Lessor or Tract JICARILLA Field INDIAN P.O. State NEW MEXICO
Well No. 5-E Sec. 26 T. 26N R. 14W Meridian N.M.P.M. County Rio Arriba
Location 1130 ft. S. of N. Line and 1055 ft. E. of W. Line of Section 26 Elevation 6886 GL
(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

L.S. MURKIN

Title PRODUCTION MPT.Date 12/22/61

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

Commenced drilling 8/30, 19 61 Finished drilling 1-1/4, 19 61

OIL OR GAS SANDS OR ZONES

No. 1, from <u>8000</u> to <u>7954</u> AD-O	(Denote gas by G)	No. 4, from <u>7725</u> to <u>7748</u> AD-O
No. 2, from <u>7902</u> to <u>7880</u> AD-O		No. 5, from <u>3510</u> to <u>3540</u> P.O. -O
No. 3, from <u>7856</u> to <u>7840</u> AD-O		

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	27.75	8	OK	275	OK				
7 5/8	27.75	8	OK	600	OK				
5 1/2	20.18	8	OK	500	OK				
2 3/8	14.70	8	OK	3439	OK				
1 1/2	2.75	10	OK		OK				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	27.75	275	OK		
7 5/8	27.75	600	OK		
5 1/2	20.18	500	OK		
2 3/8	14.70	3439	OK		
1 1/2	2.75		OK		

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. 4	shots/ft.	500-7954, 7902-7880, 7856-7840, 2/ft.	7900-7972, 7870-7892, 7840-7860, 20-40 and 6224 gal water.	4	shots 1 ft.	
725-7748	4/ft.	7734-7736, 3510-3540, 20-40 and 50,000 gal water				
(Lakota formation)	Perf 4/ft.	3510-3540, 20-40 and 50,000 gal water				
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

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
surf.	2570	2570	Wasatch
2570	3310	740	Kirtland
3310	3510	200	Fruitland
3510	3550	40	Pictured Cliffs
3550	5155	1605	Lewis
5155	5880	725	Mesa Verde
5880	7700	1820	Mancos
7700	8020	320	Dakota

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin lines. There are no markings or text on the page.

LOCALITY WITH CORRELITY

Date _____ Title _____
Signed _____

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

HISTORY OF OIL OR GAS WELL

MEETING AND CELEBRATING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DATE

EMPLOYEES

FORMATION RECORD

FORMATION

TOTAL FEET

-OL

NOTES