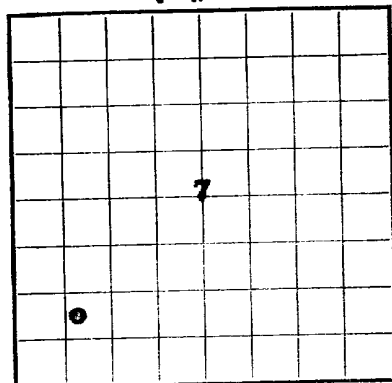
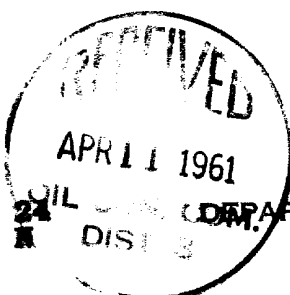


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078959**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Compass Exploration, Inc.** Address **101 University Blvd., Denver, Colo.**Lessor or Tract **Federal** Field **Escrito-Gallup** State **New Mexico**Well No. **2-7** Sec. **7** T. **24** R. **7** Meridian **NMPM** County **Rio Arriba**Location **790** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Section 7** Elevation **7174**
(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 **R. J. Family** Title **Chief Geologist**Date **April 4, 1961**

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

Commenced drilling **1/19/61** Finished drilling **1/25/61**

OIL OR GAS SANDS OR ZONES

No. 1 from **5006** to **5022** No. 2 from **5022** to **5033** No. 3 from **5033** to **5045**No. 4 from **5045** to **5057** No. 5 from **5057** to **5069** No. 6 from **5069** to **5081**No. 7 from **5081** to **5093** No. 8 from **5093** to **5105** No. 9 from **5105** to **5117**No. 10 from **5117** to **5129** No. 11 from **5129** to **5141** No. 12 from **5141** to **5153**No. 13 from **5153** to **5165** No. 14 from **5165** to **5177** No. 15 from **5177** to **5189**No. 16 from **5189** to **5201** No. 17 from **5201** to **5213** No. 18 from **5213** to **5225**No. 19 from **5225** to **5237** No. 20 from **5237** to **5249** No. 21 from **5249** to **5261**No. 22 from **5261** to **5273** No. 23 from **5273** to **5285** No. 24 from **5285** to **5297**No. 25 from **5297** to **5309** No. 26 from **5309** to **5321** No. 27 from **5321** to **5333**No. 28 from **5333** to **5345** No. 29 from **5345** to **5357** No. 30 from **5357** to **5369**No. 31 from **5369** to 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**7541** No. 212 from **7541** to **7553** No. 213 from **7553** to **7565**No. 214 from **7565** to **7577** No. 215 from **7577** to **7589** No. 216 from **7589** to **7601**

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5000	6148 TD	600	Caliche
4500	5000	500	Shale
4000	4500	500	Shale
3500	4000	500	Shale
3000	3500	500	Shale
2500	3000	500	Shale
2000	2500	500	Shale
1500	2000	500	Shale
1000	1500	500	Shale
500	1000	500	Shale
0	500	500	Shale

FORMATION RECORD
C. J. Johnson
Diller 1001 Pusher
Diller Contractor

EMPLOYEES
Rock pressure, lbs. per sq. in.
If gas well, cu. ft. per 24 hours
If water, and % sediment
The production for the first 24 hours was
March 27, 1931
Put to producing March 27, 1931

DATES
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet

TOOLS USED
30,000 lbs. oil, 4,000 30-40 sq. ft.

SHOOTING RECORD
Size _____
Depth _____
Depth gained _____

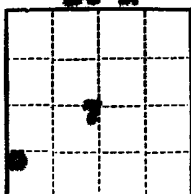
PLUGS AND ADAPTERS
Plugging plug _____
Adapters _____

MUDDING AND CEMENTING RECORD
Amount of mud used _____
Mud gravity _____

LOG OF OIL OR GAS WELL

LOG OF OIL OR GAS WELL

LOG OF OIL OR GAS WELL



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office **Santa Fe**Lease No. **878988**

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 30, 1961

Federal

Well No. **2-7** is located **700** ft. from **EX** line and **800** ft. from **EX** line of sec. **7****SW SW Sec. 7**
(1/4 Sec. and Sec. No.)**24 N**
(Twp.)**7W**
(Range)**100W**
(Meridian)**McGrath-Gallup**
(Field)**San Arriba County**
(County or Subdivision)**New Mexico**
(State or Territory)The elevation of the derrick floor above sea level is **7100** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 7:00 P.M., Jan. 12, 1961.

Drilled a 15" hole to 215', Ran 6 jts 2-5/8", J-55, 240 casing, landed @ 215'. Cntd. w/125 ann reg. 3% CaCl., Circulated approx. 30 ann. cnt.

Drilled 7-7/8" hole to 6154' (TD) Ran 125 and 625 logs. Ran 100 jts. 2-1/2" J-55, 15.85 casing set @ 6140' w/200 ann. 55/50 permin. Perforated 6000'-6022' w/4 super dynajets per foot.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Compass Exploration, Inc.**Address **1645 Court Place****Denver 2, Colorado**By **P. J. Farrelly**Title **Chief Geologist**