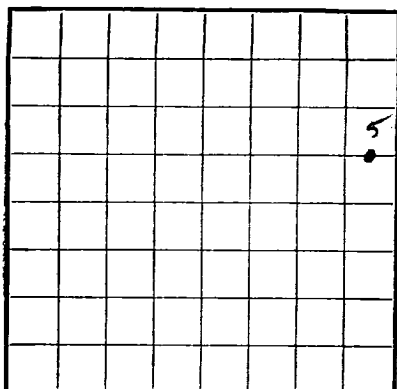




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032650 (b)**
LEASE OR PERMIT TO PROSPECT
A.B. Coates "C"UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Tide Water Associated Oil Company** Address **Box 547 Hobbs, New Mexico**
Lessor or Tract **A.B. Coates "C"** Field **Langlie-Mattix** State **New Mexico**
Well No. **5** Sec. **24** T. **25S** R. **37E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N** of **N** Line and **330** ft. **W** of **E** Line of **Sec. 24** Elevation **3075** D.F.
(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 **H.P. Shackelford** H.P. ShackelfordDate **January 17, 1956** Title **Area Superintendent**

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

Commenced drilling **12-8-55**, 19 Finished drilling **12-21-55**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3333** to **3348** No. 4, from _____ to _____
No. 2, from **3356** to **3364** 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—	
8-5/8	22.7	8-j.	Arnes	400'	Tex-Pattern	None	None		Surface
5-1/2	34	8-j.	Arnes	3300'	Larkin	None	3333	3364	Production
				(Less 1140')			3356	3364	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	411'	300 Reg.	B.J.	Natural	Cement Circulated
5-1/2	3396'	1000 8 1/2 gal	Halliburton	10-8	Cement Circulated
		250 cu. ft. Stratacrete			
		200 neat			

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____Adapters—Material **SANDFRAC** Size **4 1/2 in.**

RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10,000	gallons of	lease crude & 10,000# of sand.				

TOOLS USED

Rotary tools were used from **0** feet to **3400** feet, and from _____ feet to _____ feet

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

DATES

January **17**, 19**56** Put to producing **December 29, 1955**, 19The production for the first **13** hours was **57** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, **°API** **38.8** deg. API

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES - R&H Olsen Drilg. Co - Contractor

O.C. Harris, Driller **H.J. Richardson**, Driller**Jack Robinson**, Driller **Floyd Eaton**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	DEVIATION	
				Depth	Degrees
0	424	424	Red Bed, Sand	400	1
424	1011	587	Red Bed		
1011	1259	248	Red Bed & Anhydrite	882	1
1259	2233	974	Salt & Anhydrite	1346	1-1/2
2233	2433	200	Anhydrite	1869	2-3/4
2433	2541	108	Anhydrite & gyp	1900	3-1/2
2541	2606	65	Lime	1950	3-1/4
2606	27 2673	67	Anhydrite, gyp	2030	3
2673	2754	81	Anhydrite	2060	3
2754	2871	117	Lime	2100	3
2871	2898	27	Lime & Anhydrite	2195	3
2898	3038	140	Lime	2245	2-3/4
3038	3085	47	Lime & Gyp	2292	2-1/2
3085	3186	101	Lime	2425	2
3186	3256	70	Lime, Dolomite	2606	1-1/2
3256	3333	77	Lime	2898	3/4
3333	3348	15	Sand	3180	3/4
3348	3356	8	Lime, Dolomite	3320	1
3356	3364	8	Sand		
3364	3372	8	Lime, Dolomite	GEOLOGIC TOPS	
3372	3400	28	Lime, Sand	Anhydrite	1200
				Yates	2347
				Queen	3088
				Penrose	3194

