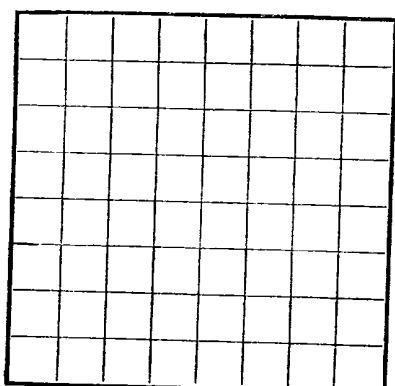




LOCATE WELL CORRECTLY

U.S. LAND OFFICE Las Cruces
SERIAL NUMBER 032650 (b)LEASE OR PERMIT TO PROSPECT
A. B. Coates "C" Lse.

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tidewater Oil Company Address Box 547 Hobbs, New Mexico
Lessor or Tract A. B. Coates "C" Field Blaineby
Well No. 18 Sec. 24 T. 25S R. 37E Meridian NMPM County Lea
Location 1980 ft. N. of S. Line and 990 ft. W. of E. Line of Section 24 Elevation 3077'
(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

Date 2/12/59Title Area Supt.

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

Commenced drilling 11-5-58, 19____ Finished drilling 12-12-58, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5274 to 5354 No. 4, from _____ to _____
No. 2, from 7758 to 7800 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None tested 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—	
13-3/8	36	Spiral weld	Arco	540	Nat'l.				Surface
9-5/8	36	J-55	40	3327	Float				Intermediate
7"	28	J-55		7758	Float		5274	5284	
2-3/8	4.7	J-55		7780			5286	5292	
2-3/8	4.7	J-55		5422			5330	5342	Blaineby
							5342	5354	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	540	550 Reg.	Pump		
9-5/8	3327	1100 Posmix & Neat	2 stage		
7"	7758	700 Incor-Posmix & Neat	2 stage		

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

TOOLS USED

Rotary tools were used from 0 feet to 7800 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-19-58, 19____ Put to producing 12-19-58, 19____
The production for the first 24 hours was 109 barrels of fluid of which 98.8 % was oil; 0 %
emulsion; _____ % water; and 0.2 % sediment. 194 Gravity, Be Ellen 45.7
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas Blaineby 370
Rock pressure, lbs. per sq. in. _____

EMPLOYEES of Noble Drilg. Co.

B. R. Bowling, Driller H. Pyle, Driller
B. D. McDaniel, Driller J. E. Turner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70	70	Surface sand
70	775	705	Red bed
775	2198	1423	Any. & salt
2198	3101	903	Any.
3101	3161	60	Any. & lime
3161	3220	59	Lime
3220	3286	66	Any. & shale
3286	6765	3479	Lime
6765	7100	335	Lime & shale
7100	7239	139	Sand & shale
7239	7306	67	Sand
7306	7315	9	Sand & shale
7315	7372	57	Sand & lime
7372	7385	13	Sand & shale
7385	7406	21	Shale
7406	7450	44	Sand & shale
7450	7486	36	Lime & sand
7486	7550	86	Sandy lime & shale
7550	7610	60	Shale & lime
7610	7650	40	Shale
7650	7757	107	Lime & shale
7757	7800	43	Lime

(OVER)

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	DEVIATION
DEPTH	DEG OFF	DEPTH	DEG OFF
130	1/2	3570	1/4
420	1	3818	1/4
540	1	4145	3/4
785	2-3/4	4302	3/4
890	2-1/2	4485	1/4
950	2-3/4	4600	1/2
1000	2-1/4	4861	1/2
1060	2-1/4	5080	1/2
1115	2	5270	1/2
1243	2	5460	1/8
1302	1-3/4	5661	1/4
1391	1-1/4	5800	3/4
1470	3/4	5980	1/2
1590	3/4	6050	1/2
1740	3/4	6320	1/2
1795	3/4	6480	3/4
1880	1	6620	1
2009	1-1/4	6800	1-1/2
2147	1-1/4	6932	1
2165	1	7084	no good
2270	1	7195	1/2
2540	1-1/2	7280	0
2724	1	7445	1/4
3090	1/2	7545	0
3215	1/4	7751	1
3450	1-1/4		

~~GEOLOGICAL TOPS BY SCHLUMBERGER~~

TOPS	4664	4744	5040	5658	5932	6792	6866	7269	7348	7678
Glenn	Justice	Blinney	Rupp	Drinkard	Base of Perlan-	Top Montoya	Simpson	McKee sand	Base of McKee sand	Ellenburger

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

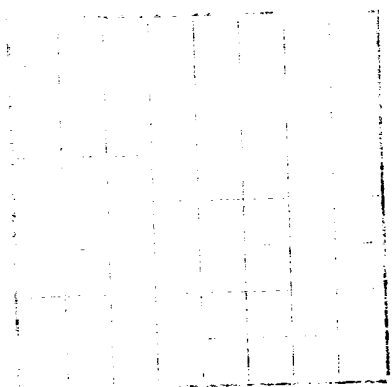
SEE ATTACHED SHEETS

THEY ARE NOT TO BE

ROBERTA, 3-11 671.2074.35.

[illegible]

LOCATE ALL INFORMATION



- 12-20-58 Started 1st & 2nd Baker's 2-1/2" packer & 7530'. Ran 2-1/2" tubing & hydro-tested same to 4000#. Long string @ 7750'.
- 12-20-58 Set Baker 2nd 2-1/2" packer & 7530'. Ran 2-1/2" tubing & hydro-tested same to 4000#. Long string @ 7750'.
- 12-21-58 Swabbed Blumberger to flowing @ 2:43 PM. Shut in 1 pit this 2:50 on 1-1/2" ch. 1. 1. 150-3000. Flowed to pit for 1 hr., 15 min. on 1-1/2" ch. - TP 3901.
- 12-22-58 Ran second string for Blumberger & packed 2nd 2-1/2" packer @ 7530' ahead of all to finish. Swabbed and flowed Blumberger. Shut in 15 min., 5:20. 5000#. 1. 1. 1500. Grind out clean. Put well on 1-1/2" ch.
- 12-23-58 Official potential: Blumberger zone flowed 12:15 PM to 25 min. Shut 12/24' ch. (2.00 1011 - 193 3000). 1. 1. 5000, grind out 2500. 1. 1. 5000. Rig released @ 4:00 PM (12-23-58)

Official potential: Blumberger zone flowed 12:15 PM to 25 min. Shut 12/24' ch. (2.00 1011 - 193 3000). 1. 1. 5000, grind out 2500. 1. 1. 5000. Shut in @ 5:00 PM for 140. Gravity 37° F. over.

WELL DATA TABLE

- DST #1 Grubbed - meter @ 5000', 1" top & 1/2" top. Tool open 4 hrs. Open w/ mud, strong blow. GTS in 35 min., decreasing steadily throughout test. Recovered out 5700' for a 70' oil & gas cut @ 12:15 PM, 12:45. NY 2000%, NO 2000%, 12:15 2000% (30 min.), 12:15 2000% (30 min.), 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000% below circ. sub. bottom.
- DST #2 Meter - 1" 7530', packer set @ 7530', no test, packer failed to hold.
- DST #3 Meter - 1" 7530', packer set @ 7530'. 1" top & 1/2" top. Tool open 3 hrs. Opened w/ strong blow, decreased to weak blow in 15 min. GTS in 3 hr. Recovered out 100' GTS. Recovered 10' oil. On 12/24' ch. 1. 1. 3700%, 30 min. 12:15 1000%, 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000%.
- DST #4 Meter - 1" 7530', packer set @ 7530'. 1" top & 1/2" top. Tool open 3 hrs. Tool opened w/ gas blow & decreased to weak blow in 1 hr. GTS in 1 hr. & 3 min. Recovered out 100' GTS. Recovered 10' oil and out 12' 120' fine oil below circ. sub. no blow. NY 3000%, 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000%.
- DST #5 Meter - 1" 5000', packer set @ 5000'. 1" top & 1/2" top. Meter. Tool open 3 hrs., 25 min. Good blow decreasing to weak blow in 15 min. After 1 hr., picked up a small packer, no change. Shut in 15 min. 12:15 120' oil. GTS. 12:15 2000%, 12:15 2000%, 12:15 2000%, 12:15 2000%.

WELL DATA

- Core #1 from 7212-7250'. Recovered sand & shale, 70', 1. 1. 1000%.
- Core #2 from 7250-7260'. Recovered 10' of live & dead oil - 1/2" sandstone, 1000%.
- Core #3 from 7260-7272'. Recovered 27' of sand & shale - 1/2" sandstone.
- Core #4 from 7272-7282'. Recovered sand & shale w/ 1/2" sandstone.