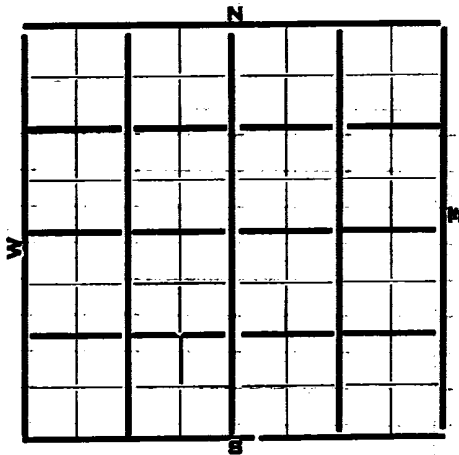


# SCOUT REPORT NEW MEXICO

## OIL CONSERVATION COMMISSION



Company Bay Petroleum Corporation  
 Farm Name J. M. Brownlee Well No. 1  
 Land Classification Patented  
 Sec. 25 Twp. 21 Range 36 County Lea  
 Feet from Line: N. 650 S. 1980 E. W.  
 Elevation \_\_\_\_\_ Method Rotary  
 Contractor Art Olsen Scout \_\_\_\_\_  
 Spudded 12-25-42 Completed 2-18-43 Initial Production \_\_\_\_\_  
 Bond Status \_\_\_\_\_

### AMOUNT CASING AND CEMENTING RECORD

SIZE	FEET	INCHES	BOX CEMENT
10 3/4	349		175
5 1/2	3740		250

### ACID RECORD

Gals. 2000

Top Pay

TD

TA

TX

BX

TRS

TY

TBL

TWL

### SHOOTING RECORD

No. of Quarts

From

To

No. of Quarts

From

To

S/

S/

S/

S/

S/

S/

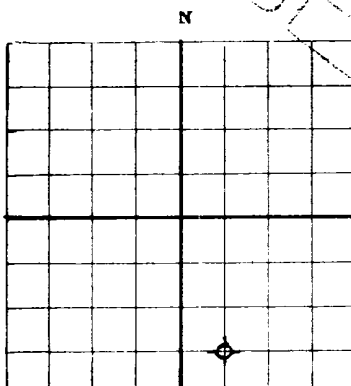
PASHER

DATE 12-22-42 RU Rotary  
12-29 TD 355 RP W.O.P.  
1-5-43  $\phi$  2695 A  
1-12  $\phi$  3330 A + L  
1-19  $\phi$  3809 L  
1-26 TD 3840 L SDO  
2-9 T.D. 3956 L  
 SDO  
 sent 3 1/2" - 60 RP W.O.P.  
2-16 TD 3956 L  
 PB 3732  
 SDO / - filed  
 at TD 3956 1090 gal/w/  
 Gas depleted  
 PB 3732 w/cement  
 separated 5 1/2" w/cos photo  
 3675 to 3730  
 run 2" 3730  
 swabbed dry not used  
 treated & swabbed dry w/ser  
 a h m m m

DATE 2-23 TD 3956 L  
 P + A

ILLEGIBLE

[illegible]

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

The Bay Petroleum Corporation 417 Pet. Bldg. Midland, Texas  
Company or Operator  
J.M. Brownlee, Jr. Well No. 1 in C SW SE of Sec. 25, T. 21S  
Lease  
R. 36E N. M. P. M. Arrowhead Field, Lea County.  
Well is 1980 feet south of the North line and 1980 feet west of the East line of SE/4 of section  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is J. M. Brownlee, Jr. Address Madisonville, Texas  
If Government land the permittee is Shell Oil Co., Inc. (assigned to) Address 1108 Pet Bldg. Midland, Tex.  
The Lessee is The Bay Petroleum Corp. Address 417 Pet Bldg. Midland, Tex.  
Drilling commenced 12-25-42 19 Drilling was completed 2-6-43 19  
Name of drilling contractor Olson Drilling Co. Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 3532' feet.  
The information given is to be kept confidential until Not confidential 19

Cas Zone OIL SANDS OR ZONES  
No. 1, from 3945' to unknown No. 4, from to  
No. 2, from to No. 5, from to  
No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 3945' to 3956' feet. 100 bbls of sulphur water per hour.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 1/2	40#	8 V	L.W.	320'	none	----	---	---	sands protect water
5 1/2	17#	8 RT	Spang	3740'	Larkin	----	3695	3730	test zone

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 1/2	10 1/2	320'	175	Pump & plug	-----	-----
8 1/2	5 1/2	3740'	100	Pump & Plug	-----	-----

## PLUGS AND ADAPTERS

Heaving plug—Material none Length ----- Depth Set -----  
Adapters—Material none Size -----

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
----	-----	Acid	2000 gal	1/26/43	3740	3840
----	-----	Acid	2000 gal	2/10/43	3695	3730

Results of shooting or chemical treatment None

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from 0 feet to 3956 feet, and from --- feet to --- feet  
Cable tools were used from --- feet to --- feet, and from --- feet to --- feet

## PRODUCTION

Put to producing Dry Hole 19 ---  
The production of the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, Be -----  
If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----  
Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

Carl Busby Driller O. L. Cash Driller  
Elmer Moelling Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 22nd

day of February 19 43

Florence L. Graham Notary Public

My Commission expires June 1, 1943

Midland, Texas 2-22-43

Name [Signature]

Position Production Supt.

Representing The Bay Petroleum Corporation Company or Operator

Address 417 Pet. Bldg., Midland, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Zero	125	125	Caliche and surface gravel
125	268	143	Sand and red rock
268	355	87	Red rock
355	795	440	Red Bed
795	1015	220	Red rock and sand
1015	1191	176	Red bed
1191	1260	69	Red bed and lime
1260	1380	120	Lime and anhydrite
1380	2512	1132	Anhydrite and salt
2512	2848	316	Anhydrite
2848	3115	267	Anhydrite and lime
3115	3141	26	Lime
3141	3182	41	Anhydrite and lime
3182	3212	30	Lime
3212	3309	97	Anhydrite and lime
3309	3331	22	Lime
3331	3358	27	Anhydrite and lime
3358	3400	42	Lime
3400	3445	45	Anhydrite and lime
3445	3497	52	Lime
3497	3533	36	Anhydrite and lime
3533	3956	423	Lime
3956			Total depth - plugged back to 3735'