

N , EXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

### MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF <del>SHOOTING</del> OR CHEMICAL TREATMENT OF WELL	<b>X</b>	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Dallas, Texas.  
Place

Oct. 8, 1936.  
Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the \_\_\_\_\_

**SUN OIL COMPANY** - **Joseph A. Akens** Well No. **2** in the  
Company or Operator Lease  
**SW/4** of Sec. **3**, T. **21-S**, R. **36-E**, N. M. P. M.,  
**Hanice** Field, **Lea** County.

The dates of this work were as follows: Sept. 28, 1936.

Notice of intention to do the work was [was not] submitted on Form C-102 on Not required. 19\_\_\_\_  
and approval of the proposed plan was [was not] obtained. (Cross out incorrect words.)

#### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

**Well treated with 4000 gallons of acid at depth of 3872 feet.**

**Flowed at rate of 100 barrels per hour.**

Witnessed by T. J. Sweeney Sun Oil Company Field Sup't.  
Name Company Title

Subscribed and sworn to before e this \_\_\_\_\_

8th day of October, 19 36

John L. McDermott  
Notary Public  
**Dallas County, Texas.**

My Commission expires June 1, 1937.

I hereby swear or affirm that the information given above is true and correct.

Name John A. Akens

Position Superintendent.

Representing SUN OIL COMPANY  
Company or Operator

Address Dallas, Texas.

Remarks:

[Signature]  
Name  
Title

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862.

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2. The second part is a report from the Secretary of the Interior, dated January 10, 1862.

3. The third part is a report from the Secretary of the Treasury, dated January 10, 1862.

4. The fourth part is a report from the Secretary of the War, dated January 10, 1862.

5. The fifth part is a report from the Secretary of the Navy, dated January 10, 1862.

6. The sixth part is a report from the Secretary of the State, dated January 10, 1862.

7. The seventh part is a report from the Secretary of the War, dated January 10, 1862.

8. The eighth part is a report from the Secretary of the Navy, dated January 10, 1862.

9. The ninth part is a report from the Secretary of the State, dated January 10, 1862.

10. The tenth part is a report from the Secretary of the War, dated January 10, 1862.

11. The eleventh part is a report from the Secretary of the Navy, dated January 10, 1862.

12. The twelfth part is a report from the Secretary of the State, dated January 10, 1862.

13. The thirteenth part is a report from the Secretary of the War, dated January 10, 1862.

14. The fourteenth part is a report from the Secretary of the Navy, dated January 10, 1862.

15. The fifteenth part is a report from the Secretary of the State, dated January 10, 1862.

16. The sixteenth part is a report from the Secretary of the War, dated January 10, 1862.

17. The seventeenth part is a report from the Secretary of the Navy, dated January 10, 1862.

18. The eighteenth part is a report from the Secretary of the State, dated January 10, 1862.

19. The nineteenth part is a report from the Secretary of the War, dated January 10, 1862.

20. The twentieth part is a report from the Secretary of the Navy, dated January 10, 1862.

21. The twenty-first part is a report from the Secretary of the State, dated January 10, 1862.

22. The twenty-second part is a report from the Secretary of the War, dated January 10, 1862.

23. The twenty-third part is a report from the Secretary of the Navy, dated January 10, 1862.

24. The twenty-fourth part is a report from the Secretary of the State, dated January 10, 1862.

25. The twenty-fifth part is a report from the Secretary of the War, dated January 10, 1862.

26. The twenty-sixth part is a report from the Secretary of the Navy, dated January 10, 1862.

27. The twenty-seventh part is a report from the Secretary of the State, dated January 10, 1862.

28. The twenty-eighth part is a report from the Secretary of the War, dated January 10, 1862.

29. The twenty-ninth part is a report from the Secretary of the Navy, dated January 10, 1862.

30. The thirtieth part is a report from the Secretary of the State, dated January 10, 1862.

CORRIGED NOTATION

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD


AREA 640 ACRES  
LOCATE WELL CORRECTLY

Sun Oil Company

Joseph A. Akens

Company or Operator

Lease

Well No. **2** in **8/2** of Sec. **3**, T. **21-3**  
 R. **36-E**, N. M. P. M., **Emise** Field, **Lea** County.  
 Well is **660** feet south of the North line and **660** feet west of the East line of **SW/4 of Sec. 8**.

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
 If patented land the owner is **Joseph A. Akens**, Address **Robert Lee, Texas**.

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
 The Lessee is **Sun Oil Company**, Address **Dallas, Texas**.

Drilling commenced **August 19**, 19 **36** Drilling was completed **Sept. 23**, 19 **36**

Name of drilling contractor **Oil Well Drlg. Co.,**, Address **Dallas, Texas**.

Elevation above sea level at top of casing **3562.5** feet.

The information given is to be kept confidential until **XX**, 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3783** to **3872** 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 \_\_\_\_\_ to \_\_\_\_\_ feet.  
 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 FROM TO	PURPOSE
<b>13"</b>	<b>50#</b>	<b>8</b>	<b>SS</b>	<b>290'</b>	<b>XX</b>			
<b>9 5/8"</b>	<b>36#</b>	<b>8</b>	<b>SS</b>	<b>2563' 5"</b>	<b>Baker</b>			<b>Surface</b>
<b>7"</b>	<b>24#</b>	<b>10</b>	<b>SS</b>	<b>3762' 7"</b>	<b>Baker</b>			<b>Mid. String</b>
<b>2-1/2"</b>	<b>6.5#</b>	<b>10</b>	<b>US</b>	<b>3862'</b>	<b>XX</b>			<b>Oil String.</b>
								<b>Tubing.</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13"</b>	<b>13"</b>	<b>290'</b>	<b>125</b>	<b>Halliburton</b>		
<b>12"</b>	<b>9-5/8"</b>	<b>3521</b>	<b>400</b>	<b>"</b>		
<b>8-3/4"</b>	<b>7"</b>	<b>3779</b>	<b>100</b>	<b>"</b>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<b>Acid</b>	<b>4000 gal.</b>	<b>9-28-36</b>	<b>3779/3872</b>	<b>To bottom</b>

Results of shooting or chemical treatment **Before treatment well made 10 bbls. per hr.**  
**After treatment well flowed at rate of 100 bbls. per hour.**

## 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 **3872** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable toops were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **October 1**, 19 **36**. **(Tested Sept. 29, 1936.**  
 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

**Roy Rodgers**, Driller **Bill Grass**, Driller  
**B. E. Riley**, Driller **Kat Ballow**, 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 \_\_\_\_\_

**Dallas, Texas**, **Oct. 1, 1936**.

day of **October**, 19 **36**

Name **John A. McSweeney**

Position **Prod. Supt.**

Representing **Sun Oil Company**

My Commission expires **Dallas County, Texas**.

Company or Operator.

Address **Dallas, Texas**.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	150	150	Sand & clay
150	250	100	Sand
250	300	50	Red bed
300	430	130	Red rock & red bed.
430	728	298	Red beds, shells & sand rock
728	894	166	Red rock & gyp.
894	941	47	Red beds & sand
941	1019	68	Red rock & gyp.
1019	1183	164	Red rock & sand rock
1183	1274	91	Red rock & shale
1274	1353	79	Anhydrite
1353	1450	97	Anhydrite & red bed.
1450	1495	45	Salt & anhydrite
1495	1548	53	Salt.
1548	1628	78	Salt & anhydrite shells
1628	1740	114	Anhydrite & strks salt
1740	1776	36	Salt
1776	2051	275	Salt & red beds.
2051	2518	467	Salt & anhydrite, some red beds.
2518	2554	36	Anhydrite
2554	2572	18	Gypsum & anhydrite
2572	2586	14	Gypsum
2586	2599	13	Anhydrite
2599	2602	3	Gypsum & anhydrite
2602	2620	18	Anhydrite
2620	2625	5	Sand
2625	2669	44	Anhydrite
2669	2748	79	Anhydrite & gyp.
2748	2806	58	Anhydrite
2806	2854	48	Broken anhydrite & sand
2854	2900	46	Anhydrite & gyp.
2900	2950	50	Anhydrite
2950	2982	32	Brkn. anhydrite & sand
2982	2988	6	Gas sand
2988	2998	10	Anhydrite
2998	3028	30	Gas sand
3028	3045	17	Anhydrite & strks. of sandy lime
3045	3050	5	Anhydrite
3050	3060	10	Gas sand
3060	3104	44	Anhydrite
3104	3817	713	Lime
3817	3872	55	Lime
3872		TOTAL DEPTH.	