

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COPY TO
SUBMIT IN TRIPLICATE
(Other instructions reverse side)

O. C. Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Las Cruces 969025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Southwest Jal Unit

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4-T26S-R36E NM PM

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

Box 1920, Hobbs, New Mexico, 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

1980' from North and East lines of Section 4-T26S-R36E, Lea County, New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Set Casing

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Set 11,300' of 7"OD 23#, 26#, 29# and 32# N-80 Casing. Cemented w/ 1120 sacks cement as follows, 340 sacks 50/50 Litpos, Class C plus 8% Gel, plus 5# Kolite per. sack and 2% D13R. 340 sacks same as above 10# Kolite per. sack. 340 sacks same as above 15# Kolite per. sack. 100 sacks Class C Next plus 2% D13R. Completed 1:30 P.M. 6-2-64, did not circulate. Temperature Survey indicated top of cement 2280' behind 7" Casing. Tested casing with 2000# in 30 minutes OK before drilling plug. Drilled to 11,303' tested casing with 2000# 30 minutes tested OK.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Superintendent

DATE

June 5, 1964

(This space for Federal or State office use)

APPROVED

APPROVED BY

TITLE

JUN 9 1964

DATE

CONDITIONS OF APPROVAL, IF ANY:

J. L. GORDON

*See Instructions on Reverse Side DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

9-8-64 TD 13,505', PB 13,235', drlg. out.
Flow 350 MCFGPD + 1.57 B. Cond. PH.
For 7 hrs. thru 1/2" chk., TP 300#,
Re-Ac. 2000 gals. 13160-202'
Flow 710 MCFGPD + 17 BCond. in 8 hrs. thru
1/2" chk.,
Dolo Frac. 15,000 gals. 13160-202'.
Flow 18 BF (70% Cond., 30% LW)/8 hrs.,
Thru 1/2" chk., TP 140#, Gas Vol. 623 MCFGPD,
Set CIBP @ 13,073'.
Perf. 13,003-005' w/4 SPF.
Set Ret. @ 12,985' Sq. 13,003-005' w/130 sx.

9-14-64 TD 13,505', PB 13,065', swbg.
Re-Sq. Perfs. 13003-005' w/135 sx.

Perf. (Strawn) 13,040-055' w/2 SPF
Ac. 500 gals.

9-21-64 Swbd. 25 BLW/6 hrs. w/small amt. of gas.
TD 13,505', PB 13,065', swbg.
Re-Ac. 2000 gals. 13040-055'.
Swbd. 7 BLW + 3 BNO/10 hrs. w/small amt. of gas.
Re-Ac. 8000 gals. + 25,000# CO₂. 13040-055'
Swbd. 1/2 BNO + 1 BAW/1 hr., swbd. dry.
Re-Ac. 6000 gals. 13040-055'
Swbd. 11½ BNO + 87 BLW/56 hrs.

9-28-64 TD 13,505', PB 13,065', tstg.
Swbd. 1 BNO + 2 BLW/6 hrs. w/small show gas.

10-5-64 TD 13,505', PBD 13,235', COMPLETED.
Pulled CIBP @ 13073'
Flwd to clean (13040-13202')

8-10-64 Drlg. 13,317' lm. & sh.
DST (Penn) 13,C10-109', open 2 hrs.
GTS while taking FSIP @ TSTM,
Rec. 405' oil (Gr. 44.6) + 405' Salt Wtr.
1 hr. ISIP 6258#, FP 1042-1247#,
2 hr. FSIP 4177#.
DST 13,130-210', open 2 hrs.
Used 1500' WB,
GTS 11 mins., WBTS 14 mins.,
Flow 1900 MCF + 4 B. Cond. PH for 30 mins.,
Thru 1/4" chk., SFP 1350#,
Flow 3800 MCF for 30 mins., thru 3/8" chk.,
SFP 1200#,
Flow 4200 MCF for 30 mins. thru 1/2" chk.,

SFP 700#.
Rec. 550' Cond. (Gr. 50.3) + 504' HGCM,
1 hr. ISIP 8100#, FP 5340-2770#,
2 hr. FSIP 5625#.

8-17-64 Drlg. 13,485' lm., sd. & sh.
8-24-64 TD 13,505', prep to sq. liner.
8-31-64 TD 13,505', PB 13,235', flowing to pits.
Perf. 13,256-258', w/4 SPF, Sq. w/180 sx.
Perf. 13,135-137' w/4 SPF, Sq. w/ 90 sx.
Drld. out to 13,235'.
Perf. 13160-172', 13196-202' w/2 SPF.
Flow 235 MCF + 1 bbl. Cond. PH,
Ac. 500 gals. 13160-202'.

6-1-64 TD 11,300', running logs.
DST (Wolfcamp) 11040-160', open 2 hrs.,
Rec. 25' Sul. Wtr.
1 hr. ISIP 324#, FP 162-162#,
2 hr. FSIP 345#.

6-8-64 Drlg. 11,480', lm. & sh.

6-15-64 Drlg. 11,762' sh. & lm.

6-22-64 TD 11,980', prep to DST.

6-29-64 Drlg. 12,137'.
DST (Pennsylvanian) 11915-980', open 2 hrs.,
Rec. 2520' gas in DP + 150' OCM (10% oil) &
150' drlg. mud.
1 hr. ISIP 6209#, FP 243-243#,
2 hr. FSIP 5055#.

7-6-64 Drlg. 12235' lm.
DST (Pennsylvanian) 12,155-220', open 2 hrs.,
Used 1500' WB, Rec. WB + 60' drlg. mud,
1 hr. ISIP 980#, FP 717-717#,
2 hr. FSIP 1671#.

7-13-64 Drlg. 12403' lm. & sh.

7-20-64 Drlg. 12630' lm.
DST (Strawn) 12440-540', mis-run.
DST 12440-540', open 2 hrs.,
Rec. 1500' SGCWB + 300' SO&G& Sul. Wtr. CM,
2 hr. ISIP 8050#, FP 820-830#,
2 hr. FSIP 7800#.

7-27-64 Drlg. 12880' lm. & sh.

8-3-64 Att. DST (L/Penn.) 12766-867', mis-run.
TD 13,109', on DST.

COUNTY LEA FIELD Wildcat STATE N.M.
 WC OPR SINCLAIR OIL & GAS COMPANY MAP
 1 Southwest Jal Unit-Federal
 Sec. 4, T-26-S, R-36-E CO-ORD
 1980' fr N & E Lines of Sec.

		CLASS		EL 3000'	
Comp 10-4-64		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING	LOG	Yates 3506			
13 3/8" 360'	425	7-R 3680			
9 5/8" 5300'	3200	Cap. 3908			
7" 11300'	1120	B Spg 7808			
4 1/2" lnr 11096-13497'	335	Wolfc 10603			
		Strwn 12420			
		Atoka 13310			
LOGS EL GR RA IND HC A		TD 13505', PBD 13235'			

IP Strawn Perfs 13040-202' Flwd 312 MCFGPD + 51 B Cond. Pot.
 Based on 17 hr test thru 14/64" chk., FTP 35#, SITP 1600#,
 gravity cond. 48.8.

SHUT IN GAS WELL

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CONT. Rowan Drlg. Co. PROP DEPTH 13,500' TYPE
 DATE

- F.R. 4-16-64
- PD 13,500' - Morrow
- Contractor - Rowan Drlg. Co.
- 4-20-64 RU Rotary
- 4-27-64 TD 873', WOC on lost circ.
- 5-4-64 Drlg. 4032'.
Lost circ @ 3099'.
- 5-11-64 TD 5300', prep to drill.
- 5-18-64 TD 7755', prep to DST.
DST 5370-5430', open 2 hrs,
rec 360' DM,
1 hr ISIP 2240#, FP 98-217#,
2 hr FSIP 2102#.
- 5-25-64 Drlg. 9825' lm. & sh.
DST 7720-55', open 2 hrs,
rec 15' brackish drlg. wtr, w/specs dead oil,
1 hr ISIP 40#, FP 20-20#,
2 hr FSIP 60#.

COUNTY LEA FIELD Wildcat STATE NM OWWO
 MAP
 OPR SINCLAIR OIL & GAS COMPANY
 1 Southwest Jal Unit-Federal CO-ORD
 Sec. 4, T-26-S, R-36-E
 1980' fr N & E Lines of Sec.
 Re-Spd 10-5-65 CLASS OWWO
 Re-Cmp 10-27-65

FORMATION	DATUM	FORMATION
CSG & SX - TUBING		
13 3/8" 360' 425		
9 5/8" 5300' 3200		
7" 11300' 1120		
4 1/2" lnr 11096-13497' 335		
LOGS EL GR RA IND HC A		
TD 13505', PBD 12800'		

TEMPORARILY ABANDONED

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CONT. DATE	PROP DEPTH	TYPE
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11-22-65 F.R.C. 11-24-65; OWWO
 Orig. comp from Pennsylvanian Perfs 13040-202', OTD 13505'.
 Elev. 3000' LS, Orig. TD 13505', PBD 12800', TEMPORARILY ABANDONED.
 Set CIBP @ 12835'
 Perf @ 12824'
 Set Retainer @ 12800' &
 Squeezed Perf @ 12824' W/70 sx.
 Perf @ 12726'
 Attempted to squeeze, could not break down.
 Perf (Morrow) 12764-769', 12775-783' W/2 SPF
 Ac. 250 gals.
 Swbd 35 BFW in 5 hrs (Gas TSTM).