

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☐	WATER WELL ☒	Other ☐						
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☒ D & A				
2. NAME OF OPERATOR Shell Oil Company											
3. ADDRESS OF OPERATOR P. O. Box 1858, Roswell, New Mexico 88201											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FEL (SE/4 SE/4) Section 23, T-20-S, R-34-E, NMPM Survey, Lea County, New Mexico At top prod. interval reported below Same At total depth Same											
14. PERMIT NO.				DATE ISSUED							
15. DATE SPUDDED 4-25-64		16. DATE T.D. REACHED 5-25-64		17. DATE COMPL. (Ready to prod.) P & A 7-14-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3698' DF		19. ELEV. CASINGHEAD 3684'			
20. TOTAL DEPTH, MD & TVD 10,500'		21. PLUG, BACK T.D., MD & TVD -		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY 0 - 10,500'		ROTARY TOOLS -			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* -								25. WAS DIRECTIONAL SURVEY MADE Yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron, Proximity MicroLog, Dual Induction-Laterolog								27. WAS WELL COBED No			
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13 3/8"		48#		853'		17 1/2"		700 SX.		-	
9 5/8"		40#		436'		12 1/4"		436 SX.		3275'	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
										DEPTH INTERVAL (MD)	
										AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
										WATER—BBL.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED Original Signed By R. A. LOWERY R. A. Lowery District Exploitation Engineer July 17, 1964											

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING

* DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring	10,110'	10,358'	DST # 1: 10,110' - 10,358' (248' Bone Spring). Tool open 3 hours 5 minutes thru 5/8" BC, 1" TC, & 1 1/2" DP w/good blow decreasing to fair. Recovered 1500' gas + 60' (0.3 bbl.) heavily gas & slightly oil cut mud. 60 minutes ISIRBP 481 psi. FBHP 155 - 155 psi. 120 minutes FBHP 698 psi. HMP 4888 - 4888 psi. BAT 168 deg. F. Recovered mud titrated 8000 ppm Cl ⁻ . Pit mud titrated 7000 ppm Cl ⁻ . <u>Conclusive Test. (Arrow)</u>	Base Red Beds		1641' (+2057')
				Yates		3600' (+98')
				Queen		4620' (-922')
				Bone Spring Limestone		8445' (-4747')
				1st Bone Spring Sand		9533' (-5835')

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions reverse side)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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐	5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Abandon	6. 11-01746 LOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Shell Oil Company	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FEL & 660' FEL, Section 23, T-20-S, R-34-E, MNM Survey, Lea County, New Mexico	8. FARM OR LEASE NAME
14. PERMIT NO.	9. WELL NO. Sinclair-Federal
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3698' DF	10. FIELD AND POOL, OR WILDCAT
	11. Penguin Area Wildcat
	12. COUNTY OR PARISH Lea 13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☒
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

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

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.)*

These plugs spotted with drilling rig

ED	to	10,400'	30 sz Inscr
8500'	to	8,400'	30 sz Inscr
7500'	to	7,400'	30 sz Inscr
5550'	to	5,450'	30 sz Inscr

Cut and pull approximately 3300' 9 5/8" casing.

Spot cement plugs as follows:

1700'	-	1,600'	100 sz Inscr
900'	-	800'	50 sz Inscr
Surface			15 sz Inscr

Erect prescribed marker.

Verbal approval obtained as per telephone conversation R. D. Vassar, Shell Oil Company and A. R. Brown, U.S.G.S., May 27, 1964.

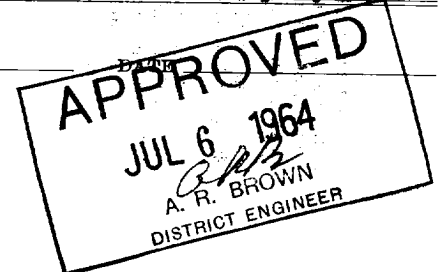
18. I hereby certify that the foregoing is true and correct

SIGNED	Original Signed By	TITLE	DATE
	R. J. Doubek	Division Mechanical Engineer	July 1, 1964

(This space for Federal or State office use)

APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	

*See Instructions on Reverse Side



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.