

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR H. L. BROWN, JR.						JAN 22 1969	
3. ADDRESS OF OPERATOR 309 MIDLAND TOWER, MIDLAND, TEXAS						O. C. C.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL & 1980' FWL, SEC. 20, T-8-S, R-31-# At top prod. interval reported below At total depth						ARTESIA, OFFICE	
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 12-8-68				16. DATE T.D. REACHED 12/14/68		17. DATE COMPL. (Ready to prod.) 1-19-69	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4210 KB				19. ELEV. CASINGHEAD 4198			
20. TOTAL DEPTH, MD & TVD 3318		21. PLUG, BACK T.D., MD & TVD 3740		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3680-3730 (SAN ANDRES)						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GAMMA RAY-NEUTRON, DENSITY, LATERALOG MICROLATER LOG, BOREHOLE TELEVIEWER						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		20#		264		11"	
4-1/2"		9-1/2#		3818		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8		3560		--			
31. PERFORATION RECORD (Interval, size and number)							
3680, 3694, 3697, 3701, 3708, 3711, 3712, 3725, 3728, 3730							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3680 - 3730				2500 gal 28% acid			
				2500 gal 3% acid			
				15,000 gal crude oil and			
				15,000# sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 12-24-68		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1-20-69		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
						31	
						TSTM	
						29	
						TSTM	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Harold Dumas	
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		TITLE		DATE			
M. A. Baker		Petroleum Engineer		1/20/69			

*(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 for all types of lands and leases to either a Federal or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the information submitted, particularly with regard to local, area, or regional procedures and practices, either are set out below or will be issued by, or may be obtained from, the State office. See instructions on items 22 and 24, and 33, 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, test logs, geologist's sample and core analysis, all types of production and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Should be listed on this form, see item 33.

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

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any other items 22 and 24: If this well is completed for separate production from more than one interval, or for multiple completion, so state in item 22, and in item 24 for each additional interval to be separately produced, showing the additional data pertinent to each 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 zone.

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-STOP TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDING

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
REDBED		1250		RUSTLER	1250'	
ANH. & SALT	1250	2975		YATES	1804'	
				SAN ANDRES	2972'	
LIME & DOLOMITE	2975	3818		D. MARKER	3509'	



BYRON JACKSON INC.

CEMENTING AFFIDAVIT

I, James F. Johnson, being of lawful age and having full knowledge of the facts herein below set out do state: I am employed by Byron Jackson Inc. On December 16, 19 68, BYRON JACKSON INC. performed the cementing operation herein described for H.L. Brown on their Well No. # 61 on the Shell 20 Federal Lease lease located in Chaves County, State of New Mexico.

CASING CEMENTING: Name or type of string was Production. Information provided by the Customer Company states that the casing was 4 1/2 in. O.D. set in 7 7/8 inch hole, and that the casing depth set was 3812 feet. For this job the following materials were used:

250 Sacks Lone Star Incon Cement

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An estimated 0 sacks of excess cement was circulated out of the well.

CEMENT PLUG: Information provided by the Customer Company states that the hole size was _____ inches, and total depth was _____ feet. For this job the following materials were used to place plugs as indicated:

Plug from _____ ft. to _____ ft. with _____ sacks of _____

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SIGNED: BYRON JACKSON INC.

BY-

James F. Johnson

DATE:

12-16-68

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H. L. BROWN, JR.
MIDLAND, TEXAS

INCLINATION REPORT

OPERATOR H. L. Brown, Jr. ADDRESS Midland Tower
 LEASE 1 Shell 20 Federal WELL NO. FIELD 24 mi W. Milnesand
 LOCATION 660' FNL, 1980' FWL, S-17, T-8, R-31, Chaves County

Depth	Angle Inclination 'degrees)	Displacement	Displacement Accumulated
250'	1/4	1.1000	1.1000
750'	1/2	4.3500	5.4500
1250'	1/2	4.3500	9.8000
1757'	3/4	6.6417	16.4417
1870'	1	1.9775	18.4192
2305'	1-1/4	10.7910	29.2102
2700'	1-1/2	8.7770	37.9872
3014'	1-1/2	8.2268	46.2140
3330'	3/4	4.1396	50.3536
3690'	3/4	4.7160	55.0696
3790'	1	1.7500	56.8196

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Cactus Drilling Company

Ronnie Ramsey
 Title: Clerk

Affidavit:

Before me, the undersigned authority, appeared Ronnie Ramsey known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Ronnie Ramsey
 (Affiant's Signature)

Sworn and subscribed to in my presence on this the 17 day of Dec.
19 68.

Agnes R. Brown
 Notary Public in and for the County
 of Lea, State of New Mexico

Seal Commission Expires Feb. 8, 1969

