

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR

Grace Petroleum Corporation

3. ADDRESS OF OPERATOR

CO 80202

3 Park Central, #200, 1515 Arapahoe, Denver,

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1850' FSL & 790' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

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(other) Dakota interval

5. LEASE

SF-078532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sperling

9. WELL NO.

1-~~2~~

10. FIELD OR WILDCAT NAME

Escrito-Lybrook

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

Sec 30-24N-6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL 6659

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

February, 1963

1) Kill Gallup, NDWH

2) Run Otis plug in 2-3/8" Dakota tubing set @ 6360'

3) Cut Dakota tubing @ 6191. POOH

4) NUWH

5) Produce Gallup formation

(see attached)

Subsurface Safety Valve: Manu. and Type

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

SIGNED Kim S. Lucha TITLE Operations Eng. DATE 9-26-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions on Reverse Side

ACCEPTED FOR RECORD

NOV 5 1980

FARMINGTON DISTRICT

BY

# INVOICE

June 5, 1968

To: 1-30 Sperling Well  
Escrow Account

5/30/68 Well would not flow through the tubing. Paraffin was accumulating in casing-tubing annulus and partially blocking flow. Rigged up Aztec Well Service derrick-type unit and pulled and tallied tubing. Had to use a rented tool on the elevators because collars in the tubing string are beveled and pulling with regular elevators was extremely risky. Found a large amount of paraffin on the outside of the tubing string. Paraffin accumulated in slips and both slips and tongs had to be continually cleaned.

Rigged up to hot oil down annulus in an attempt to remove paraffin. Pumped 40 barrels of oil at 285 degrees.

Finished pulling tubing string. Found tubing had been set at 5396.70 feet. The bottom was plugged with a collar in which a cross pin had been welded. A seating nipple and perforated nipple were installed above the cross-pinned collar. A collar stop had been installed approximately (7) years before, and this was not found. Reran tubing string.

Installed an additional (3) joints of tubing totaling 95.97 feet. Total equipment installed was 5492.67 feet. The bottom of the mud anchor is set at a log depth of 5504.67 feet. A tapped bull plug was run on the bottom of the mud anchor. A 4.48 foot perforated nipple and a 1.10 foot seating nipple were run on top of the mud anchor. Ran (7) joints of tubing and installed a Baker Model "B" Tubing Anchor-Catcher. Estimated over-all length of catcher is 2.5 feet. The top of the perforated nipple is at a log depth of 5468.45. While going in the hole with a pump, the tubing was found to be blocked 110 joints from the surface. Pulled rods and tubing down to the bridge. Found a piston hung in the

INVOICE  
June 5, 1968

Page 2

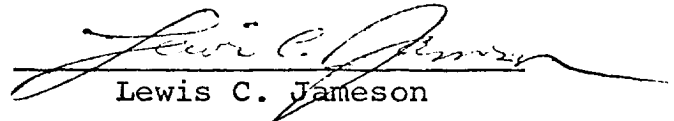
1-30 Sperling Continued

middle of the 110' joints from the surface. A piece of spring steel wire from the collar stop was holding the piston. Ran a sinker bar on the swab line and flagged the wire line where bottom of the tubing was found. Hung a swab cup holder on the sinker bar and reran finding bottom 34' above previous bottom indicating that bottom had been the tapped bull plug. The sinker bar would pass through the seating cup but the swab cup holder would not.

5/31/68 Reran tubing and set catcher. Ran pump and rods. Pressure tested tubing and pump. Check okay.

(2) days supervision @ \$75.00	\$150.00	
3% New Mexico Tax	<u>4.50</u>	\$154.50 ✓

PETROLEUM CONSULTANTS, INC.

  
Lewis C. Jameson

Paid by check # 9611 dated 6/19/68

2820 Central SE  
Albuquerque, New Mexico

NEW MEXICO W. C. COMP. P. L.

COLORADO NO. 80-09691

IN ACCOUNT WITH

P. O. Box "B"

334-6191

**Aztec, New Mexico**

**TERMS:**

NET: 20TH OF MONTH FOLLOWING DATE OF PURCHASE  
8% INTEREST CHARGED ON ALL PAST DUE ACCOUNTS

		Lease	Sperling, Well #1-30				
		Unit	No. 37 Derrick				
		Ticket	Nos. 2985B and 2986B				
May	30	Derrick unit w/tools	12 hrs.	@	12.50	150.00	
		Operator	12 hrs.	@	4.50	54.00	
		Helpers	36 hrs.	@	3.50	126.00	
		Power tongs	Per day			35.00	365 00
		<p>Moved unit and tools to location. Rigged up unit and tubing tools. Pulled and tallied string of tubing. Reran tubing with mud anchor, perforation, seating nipple and 7 joints of anchor catcher. Set packer. Hung tubing on doughnut. Installed Xmas tree. Rigged up rod tools. Ran string of rods with pump. Unable to get pump to bottom. Pulled rods with pump. Rigged up tubing tools. Pulled 110 joints of tubing. Found piston in joint of tubing.</p>					
May	31	Derrick unit w/tools	7 hrs.	@	12.50	87.50	
		Operator	7 hrs.	@	4.50	31.50	
		Helpers	21 hrs.	@	3.50	73.50	
		Power tongs	Per day			35.00	227 50
		<p>Reran tubing. Set packer. Installed Xmas tree. Rigged up rod tools. Ran string of 3/4" and 5/8" rods with pump. Spaced out pump. Hung well on. Rigged down unit and tools. Cleaned up location. Moved unit off of location.</p>					
							592 50
		3% New Mexico Tax					17 78
							610 28 ✓
<p><i>Ed L. Sacrow CB # 9707 6-28-68</i></p>							

February 11, 1963

Workover on Sperling 1-30, located I-30-24N-6W, Rio Arriba County, New Mexico in Escrito and Basin Dakota Fields.

Purpose of workover: Temporarily abandon Dakota formation by plugging and pulling tubing.

History:

Moved in Bum Gibbins double-drum pulling unit. Removed dual head after killing Gallup formation through tubing with hot oil truck. Attempted to back off tubing from Baker production packer. Put sixteen rounds of torque in tubing, could not loosen tubing from packer. Ran 2" Otis plug choke in 2 3/8" Dakota string of tubing and set at 6360'. Encountered tight spot in tubing at 2400', picked up 42,000# of weight on tubing and choke cleared.

Ran McCullough 2 3/8" chemical tubing cutter in Dakota tubing. Tight spot in tubing at 2400' stopped cutter, picked up to 63,000# of weight on tubing and could not clear cutter. Pulled chemical cutter and ran string shot(1300 grains) to tubing collar at 6191'(GL). Pulled 66,000# on tubing and fired string shot in tubing collar. Shot jumped tubing pin out of collar at 6191'(GL). Pulled Dakota tubing, and installed original dual tubing head. Rotated head 180° from original installation because of faulty wing valve. Bad valve now out of service. Started to swab Gallup tubing, paraffin in string at 300' stopped swab. Added solvent to tubing, paraffin knife went to bottom of tubing. Cut paraffin in tubing and swabbed well. Shut well in for pressure build up and released rig.

After recovery of Dakota tubing, tight spot that prevented tools from going to desired depth was found to be a badly bent joint. Bend was approximately six feet below collar and appeared to have been caused by premature setting of slips when running original tubing.

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1515 Arapahoe Street, Denver, Colorado

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AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

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☐  
☐  
☐  
☐  
☒ Dakota Zone

5. LEASE

SF078532

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Sperling

9. WELL NO.  
#1

10. FIELD OR WILDCAT NAME  
Escrito Gallup

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

Sec 30, T24N, R6W

12. COUNTY OR PARISH 13. STATE

Rio Arriba New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

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The well was originally completed as a dual Gallup and Dakota well. The Dakota zone was shut in on 11/29/70, as uneconomical to produce. The Dakota zone was isolated by using a bridge plug, permanent abandonment will be accomplished after the Gallup interval is depleted.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Scott G. Smith TITLE Operations Manager  
Southern District DATE March 3, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: