

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-B355.5.

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"/>	1. LEASE DESIGNATION AND SERIAL NO.				
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"/>	5. Jicarilla 71	
2. NAME OF OPERATOR								6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
Chace Oil Company, Inc.								Jicarilla Apache	
3. ADDRESS OF OPERATOR								7. UNIT AGREEMENT NAME	
313 Washington, S.E., Albuquerque, NM 87108								8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*								Jicarilla Tribal Contract #71	
At surface Unit 'N' 2230' FWL & 747' FSL								9. WELL NO.	
At top prod. interval reported below								27	
At total depth								10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO. DATE ISSUED								South Lindrith Gallup-Dakota	
15. DATE SPUDDED								11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA	
7/28/84								Sec. 10 T23N, R4W	
16. DATE T.D. REACHED								12. COUNTY OR PARISH	
8/19/84								Rio Arriba	
17. DATE COMPL. (Ready to prod.)								13. STATE	
8/22/84								New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*								14. COUNTRY OR PARISH	
7259' GR, 7272' KB								Rio Arriba	
19. ELEV. CASINGHEAD								15. DATE	
7260'								7/28/84	
20. TOTAL DEPTH, MD & TVD								16. DATE T.D. REACHED	
7445' KB								8/19/84	
21. PLUG, BACK T.D., MD & TVD								17. DATE COMPL. (Ready to prod.)	
7403' KB								8/22/84	
22. IF MULTIPLE COMPL., HOW MANY*								18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
23. INTERVALS DRILLED BY								7259' GR, 7272' KB	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								7260'	
Dakota 'D': 7282'-7318' Greenhorn: 7062'-7086' Gallup: 5717'-6290'								19. ELEV. CASINGHEAD	
Dakota 'A': 7151'-7174' Tocito: 6556'-6854'								7260'	
25. TYPE ELECTRIC AND OTHER LOGS RUN								20. TOTAL DEPTH, MD & TVD	
Induction and Density								7445' KB	
26. TYPE ELECTRIC AND OTHER LOGS RUN								21. PLUG, BACK T.D., MD & TVD	
Induction and Density								7403' KB	
27. WAS WELL CORED								22. IF MULTIPLE COMPL., HOW MANY*	
No								23. INTERVALS DRILLED BY	
28. CASING RECORD (Report all strings set in well)								24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
29. LINER RECORD								Dakota 'D': 7282'-7318' Greenhorn: 7062'-7086' Gallup: 5717'-6290'	
30. TUBING RECORD								Dakota 'A': 7151'-7174' Tocito: 6556'-6854'	
31. PERFORATION RECORD (Interval, size and number)								25. TYPE ELECTRIC AND OTHER LOGS RUN	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								Induction and Density	
33. PRODUCTION								26. TYPE ELECTRIC AND OTHER LOGS RUN	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								Induction and Density	
35. LIST OF ATTACHMENTS								27. WAS WELL CORED	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.								No	

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

FARMINGTON RESOURCE AREA
RV

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 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 (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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2458'	2624'	Sand - Wet			
Pictured Cliffs	2916'	2952'	Sand - w/ coal and shale strks - no show			
Chacra	3258'	3396'	Shale - w/ sand streaks - no show			
Cliff House	4410'	4750'	Sand and shale - tite			
Pt. Lookout	5032'	5170'	Sand - wet			
Gallup	5714'	6294'	Sand and shale - oil and gas			
Tocito	6734'	6808'	Sand and shale - possible shows			
Greenhorn	7040'	7100'	Sandy lime - oil and gas shows			
Dakota 'A'	7140'	7160'	Sand w/ shale streaks - oil and gas			
Dakota 'D'	7255'	7335'	Sand w/ shale streaks - oil and gas			
Barro Canyon	7360'					
			Sand - wet			
			Still in at T.D.			

PERFORATION RECORD

Dakota 'D': 7282', 7286', 7288', 7292', 7294', 7296', 7298',
7304', 7313', 7316', 7318', 4 SPF, 44 holes.

Dakota 'A': 7151', 7153', 7157', 7159', 7172', 7174', 4 SPF,
24 holes.

Greenhorn: 7062', 7066', 7071', 7076', 7080', 7086', 4 SPF,
24 holes.

Tocito: 6556', 6558', 6580', 6582', 6848', 6850', 6852',
6854', 4 SPF, 32 holes.

Gallup: 5717', 5722', 5807', 5820', 5826', 5828', 5830',
5832', 5835', 5846', 5850', 5853', 5866', 5977',
6052', 6054', 6059', 6066', 6068', 6072', 6101',
6110', 6121', 6123', 6127', 6129', 6134', 6157',
6164', 6170', 6173', 6186', 6190', 6206', 6226',
6234', 6242', 6250', 6256', 6274', 6280', 6284',
6286', 6290', 2 SPF, 88 holes.

ACID - FRACTURE

Dakota 'D': 200 gal 7½% acetic acid
70,000 lbs. 20/40 sand
21,500 bbls. water

Dakota 'A':) 450 gal 7½% Hcl
Greenhorn:) 47,650 lbs. 20/40 sand
Tocito:) 1,650 bbls. water

Gallup: 400 gal 7½% Hcl
70,000 lbs. 20/40 sand
21,500 bbls. water

CEMENT:

Spud: Cemented with 160 sks (189 CF) Class B neat, 3% Cacl,
1/4#/sk Flocele. Pumped 75 sks (89 CF) down back side.

1st stage: Cemented with 1000 sks (1430 CF) of 50/50 pozmix,
2% gel, 6¼ lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 400 sks (932 CF) 65/35 pozmix,
2% gel, 6" lb/sk Gilsonite. Tailed in with 50
sks (59 CF) Class B neat.