

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-080594											
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 _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME None											
2. NAME OF OPERATOR Bolack Minerals Co.				7. UNIT AGREEMENT NAME Canyon Largo Unit											
3. ADDRESS OF OPERATOR P.O. Box 255, Farmington, N.M. 87401				8. FARM OR LEASE NAME Canyon Largo Unit											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 860' fN1, 1110' fW1 At top prod. interval reported below Same At total depth Same				9. WELL NO. 320											
14. PERMIT NO. 30-039-32133				10. FIELD AND POOL, OR WILDCAT Devil's Fork-Gallup											
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1, T24N-R6W, NMPM											
15. DATE SPUDDED 1/12/83				16. DATE T.D. REACHED 1/22/83		12. COUNTY OR PARISH Rio Arriba		13. STATE N.M.							
17. DATE COMPL. (Ready to prod.) 3/5/83				18. ELEVATIONS (DP, REB, RT, GR, ETC.)* 6694' Gr. 6706' KB				19. ELEV. CASINGHEAD 6695'							
20. TOTAL DEPTH, MD & TVD 6180'		21. PLUG, BACK T.D., MD & TVD 6126'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5796 to 6024 ft., Gallup Fm							
								25. WAS DIRECTIONAL SURVEY MADE Yes							
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Gamma-ray; Dresser Atlas Gamma-ray & cement bond logs.				27. WAS WELL CORED No											
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8 5/8"		24.0		216'		12 1/4"		18 cu. ft. Class B to surf.		2% CaCl ₂					
4 1/2"		11.6		6172'		7 7/8"		1st stg.—305 cu. ft., class H, 2% gel		Top					
								5340' 2nd stg.—1300 cu. ft. class H		fr. 5047' to 750'					
								econolite & 122 cu. ft. Class H, 2% gel							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										2 3/8"		5993'		None	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
6022-24' --2										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5984-86' --2										5796-6024'		174,000 gal. 70% foam; 34,539 SCF			
5953-57' --3												N ₂ , 161,000 lb. 20/40 sand			
5869-85' --4															
5840-52' --11										5796-6024'		2,500 gal. 7 1/2% HCl acid			
33.* 5796-5806' --3 25 total															
PRODUCTION															
DATE FIRST PRODUCTION 3/15/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) S.I.									
DATE OF TEST 3/16/83		HOURS TESTED 24 hrs.		CHOKE SIZE 64/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 26		GAS—MCF. 125		WATER—BBL. 5		GAS-OIL RATIO 4800	
FLOW. TUBING PRESS. 60 psi		CASING PRESSURE 220 psi		CALCULATED 24-HOUR RATE →		OIL—BBL. 26		GAS—MCF. 125		WATER—BBL. 5		OIL GRAVITY-API (CORR.) 42° (est.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold										TEST WITNESSED BY J. Elledge					
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.										ACCEPTED FOR RECORD					
SIGNED J. M. R. Speer		TITLE Agent				DATE 4/4/83									

*See Instructions and Spaces for Additional Data on Reverse Side) APR 06 1983

NMOCC

FARMINGTON DISTRICT
T. J. L. L. L.

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 Ss.	2100'	2155'	Wht., f to cse-gr., congolm., por. qtz. ss--water	Tops:(estim.)	2100'	same
Pict.Cliffs Ss.	2483'	2590'	Buff, vf to f-gr.por.qtz.ss--gas	OjoAlamo Ss.	2155'	"
Mesaverde Fm.	4004'	4890'	Wht.to buff,vf to f-gr.qtz.ss--water	Kirtland Sh.	2414'	"
				?Fruitland Fm.	2483'	"
				Pict.Cliffss.	2590'	"
				Lewis Sh.		
				(log)		
				Mesaverde:		
				Cliff House Ss.	4004'	"
				Menefee Fm.	4085'	"
				Pt.Lookout Ss.	4661'	"
				Mancos Sh.	4890'	"
				Gallup Fm.	5792'	"

38. GEOLOGIC MARKERS