

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 ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR DEPCO, Inc.						7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR 1000 Petroleum Building - Denver, CO 80202						8. FARM OR LEASE NAME MKL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1520' FEL, 1500' FSL (NW/4 SE/4) At top prod. interval reported below Same At total depth Same						9. WELL NO. 16R	
14. PERMIT NO. 30-039-22917						10. FIELD AND POOL, OR WILDCAT Otero Chacra	
15. DATE SPUDDED 4-19-82						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5-T26N-R7W	
16. DATE T.D. REACHED 4-22-82						12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 7-13-82						13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6068' KB						19. ELEV. CASINGHEAD 6058'	
20. TOTAL DEPTH, MD & TVD 3425'		21. PLUG, BACK T.D., MD & TVD 3342'		22. IF MULTIPLE COMPL., HOW MANY? 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0 - TD CABLE TOOLS -	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3082' - 3100' KB 3162' - 3172' KB Chacra						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SFL-SP; CNL/FDC - GR/CAL						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"		24 ST&C		335' KB		12-1/4"	
5-1/2"		15.5 ST&C		3425' KB		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/2"		3137' KB		2325' KB			
31. PERFORATION RECORD (Interval, size and number)							
3082' - 3100' KB		2 JSPF					
3162' - 72' KB		2 JFPF					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
3082'-3100' KB		250 gal Acid, 40M lbs sd, 48,846 Gal Wtr					
3162'-72' KB		250 gal Acid, 25M lbs sd, 33,642 Gal Wtr					
33. PRODUCTION							
DATE FIRST PRODUCTION 7-3-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 7-27-82		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 221.63 WATER—BBL. 0 GAS-OIL RATIO -	
FLOW. TUBING PRESS. 130		CASING PRESSURE -		CALCULATED 24-HOUR RATE OIL—BBL. 0 GAS—MCF. 1773 WATER—BBL. 0 OIL GRAVITY-API (CORR.) -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Gas vented during test. Gas to be sold						TEST WITNESSED BY F. P. Crum, Jr.	
35. LIST OF ATTACHMENTS Single Point Back Pressure Test - Chacra Zone							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE Prod. Supt. - So. Rockies					
		August 17, 1982					

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

NMOCG

ACCEPTED FOR RECORD
AUG 24 1982
FARMINGTON DISTRICT

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 30.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Alamo tured Cliffs cra	1174'	1550'	Ss - Wtr	Ojo Alamo	1174'	1174'
	2182'	2254'	Ss - Gas, Sw-40%	Kirtland	1550'	1550'
	3079'	3181'	Ss - Gas, Sw-40%	Fruitland	2041'	2041'
				Pictured Cliffs	2180'	2180'
				Chacra	3079'	3079'
			Item 28 - Cementing Record Cmt'd surf csg w/325 4 Cl "B" containing $\frac{1}{4}$ # Flocele/sx. Cmt circ'd to surf. Cmt'd production csg 1st stage thru csg shoe @ 3425' w/230 ft ³ Cl "B" 65/35 Pozmix containing 12% gel & 12 $\frac{1}{2}$ # Gilsonite/sx followed by 126 ft ³ 50/50 Pozmix containing 2% gel & $\frac{1}{4}$ # cellophane flakes/sx. Cmt top calgu- lated @ 2080' KB. Cmt'd 2nd stage thru DV tool @ 2287' KB using 746 ft ³ Cl "B" 65/35 Pozmix containing 12% gel & 12 $\frac{1}{2}$ # Gilsonite/sx followed by 126 ft ³ Cl "B" 50/50 Pozmix containing 2% gel & $\frac{1}{4}$ # cellophane flakes/sx. Cmt circ'd to surf.			