

U. S. GEOLOGICAL SURVEY
BUREAU OF MINERAL INVESTIGATION

DATE

NM 23020

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		6. IF INDIAN, ALGONQUIN OR OTHER NAME -----	
2. TYPE OF COMPLETION: SPR. ☒ ACID ☐ PLUG ☐ PERM. ☐ Other ☐		7. UNIT ASSIGNMENT NAME -----	
3. NAME OF OPERATOR DYCO PETROLEUM CORPORATION		8. FIRM OR LEASE NAME Federal-53	
4. ADDRESS OF OPERATOR 420 NBT Bldg., 320 S. Barton, Tulsa, Oklahoma		9. WELL NO. 2	
5. LOCATION OF WELL (Report location clearly, and in accordance with a state requirement) At 19.0' FSL & 400' FEL Of Section 33-9S-38E, Lea County, New Mexico At top prod. interval reported below Same depth Same		10. FIELD AND POSEY, OR WILDCAT Sawyer	
11. PERM. NO. -----		12. COUNTY OR TERRITORY Lea	
13. DATE ISSUED 3-21-77		14. STATE New Mexico	
15. DATE COMPLETION 3-25-77	16. DATE T.D. REACHED 4-3-77	17. DATE COMPLETION (Ready to prod.) 4-27-77	18. ELEVATIONS (DF, RIG, RE, GR, ETC.)* 3932' KB
19. ELEV. CASINGHEAD 3922' CR	20. TOTAL DEPTH, IN. & TYP. 5013'		
21. PLUG, BACK T.D., IN. & TYP. 5011'	22. IN. SUELLING COMPLETION HOW MANY*	23. INTERVALS DRILLED IN	24. ROYALTY TOLIN 0-5013'
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (SID AND TYP)* 4954'-5004', San Andres			26. WAS DIRECT GAS SURVEY MADE No
27. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log, Correlation Gamma Ray Log, Guard Log, Mirco-Guard Log, Compensated Density Neutron Log			28. WAS WELL CORED No
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	401.53'	12 1/4"
4 1/2"	9.5# & 10.5#	5613'	7 7/8"
DV 100L	-----	2313'	7 7/8"
30. CEMENTING RECORD			
AMOUNT PULLED			
None			
t, None			
1/2 of 1% CFR-2.			
375 sks Hovco Lite Wt., 20% salt, 1/4% Floccle/sk. TUBING RECORD			
31. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
32. PERFORATION RECORD (Date set, type gun & depth)			
33. PERFORATION RECORD (Date set, type gun & depth)			
4954'; 0.375, 1/ft.			
4960'-78'; 0.375, 1/ft.			
4994'-5004'; 0.375, 2/ft.			
34. PERFORATION RECORD (Date set, type gun & depth)			
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99. PERFORATION RECORD (Date set, type gun & depth)			
100. PERFORATION RECORD (Date set, type gun & depth)			

SECRET

General: This form is designed for submitting a complete and correct well completion request and for an all types of lands and leases to all of a Federal agency or a State or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning use of this form and the nature of records submitted, participate with regard to local, area, or regional procedures and policies, either are shown below or will be found by or may be obtained from the local office. See instructions on forms 22 and 23, and 24 below regarding submitting reports for certain completions. The local office should provide the time that summary record is submitted, copies of all currently available logs (drillers' logs, geologists' reports and core analysis), all types of logs, and all other data and necessary logs and third-party surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All information should be based on this form, so, 22 to 24. If it is determined that State requires the completion of a well completion request, the local office for specific instructions.

[illegible]

the authors are not responsible for any errors or for any consequences arising from the use of the information contained in this publication. (See instruction for Users 22 and 24 above.)

37. SUMMARY OF CORED ZONES:		38. GEOLOGIC MARKERS	
SHOW ALL IMPROVED CORES, OF DEPOSITS AND CONTENTS THEREON; CORED INTERVALS; AND ALL DRILL-TEST TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		DESCRIPTION, CONTENTS, ETC.	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Andres 1	4950'	4980'	Pin point porosity to Vic Budggy porosity with lite to heavy oil stain
San Andres 2	4390'	TD	

RECEIVED

MAY 17 1977

U.S. GEOLOGICAL SURVEY COMM.

ROBES, L. H.

RECEIVED
JUN 17 1977

17 1977

17 1977
COMM
ROBB, R. M.

OPERATOR Imco Petroleum Corp. ADDRESS 1700 El Center Bldg., Tulsa, Okla., 74103

LEASE Federal-63 WELL NO. 2 FIELD _____

LOCATION Sec. 33, T-28, R-38E, Lea County, New Mexico

Depth	Angle (Inclination in degrees)	Displacement	Displacement Accumulated
401	1/2	3.4887	3.4887
778	1/2	3.2799	6.7686
1275	3/4	6.5107	13.2793
1763	3/4	6.3928	19.6721
2246	3/4	6.3273	25.9994
2639	1	6.8775	32.8769
3428	3/4	10.3359	43.2128
4228	1/2	6.9600	50.1728
4728	1/2	4.3500	54.5228
5017	3/4	2.5143	57.0371

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

By: *Doug Cloud*
Title: Asst. Asst.

Affidavit:

Before me, the undersigned authority, appeared Doug Cloud 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.

Doug Cloud
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 15th day of _____

April 19 77

MY COMMISSION EXPIRES MARCH 1, 1980

Wesley S. Maguire
Notary Public in and for the County
of Lea, State of New Mexico

RECEIVED

MAY 27 1977

U.S. COMMISSION
HOBBS, T. M.