

OIL CONSERVATION COMMISSION
Ayres DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 8-15-77

RE: Proposed MC ✓
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Carl Ulvog

Gentlemen:

I have examined the application dated 8-11-77
for the Carlkins Oil Co. Breach A #264 H-17-26N-6U
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours very truly,

AR Kendrick

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 type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. ST 079035-A	
b. TYPE OF COMPLETION: NEW WELL <input 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	
2. NAME OF OPERATOR Caulkins Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 340, Bloomfield, New Mexico				8. FARM OR LEASE NAME Breech "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1450 from the North and 790 from the East At top prod. interval reported below Same At total depth Same				9. WELL NO. 264	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT South Blanco PC	
15. DATE SPUDDED 6-4-77				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 17 26N 6W	
16. DATE T.D. REACHED 6-12-77				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 6-19-77				13. STATE New Mexico	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6731 Gr.				19. ELEV. CASINGHEAD 6732	
20. TOTAL DEPTH, MD & TVD 4110		21. PLUG, BACK T.D., MD & TVD 4110		22. IF MULTIPLE COMPL., HOW MANY* Two	
23. INTERVALS DRILLED BY → 0-4110				ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3112 to 3163 Pictured Cliffs				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		24#		145	
4 1/2		10.5#		4110	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4		150 sacks		None	
7 7/8		765 Sacks		None	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
1"		3112		3197	
SACKS CEMENT*		SCREEN (MD)		PACKER SET (MD)	
32 holes		32 holes		3197	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
1"		3112		3197	
31. PERFORATION RECORD (Interval, size and number)					
3112-3123		.42		32 holes	
3152-3163		.42		32 holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
3112 to 3163		Frac'd with 80,000#			
		20-40 mesh sand and			
		1450 bbls. water.			
33.* PRODUCTION					
DATE FIRST PRODUCTION 7-9-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 7-9-77		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4	
FLOW. TUBING PRESS. 36		CASING PRESSURE 537		CALCULATED 24-HOUR RATE →	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
		679			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Charles Vergara</u>		TITLE <u>Superintendent</u>		DATE <u>7-12-77</u>	

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

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.)

New 4 1/2" 10.5# H-40 casing cemented at 4110 with 445 sacks 65-35-12 Gel cement followed by 320 sacks Neat. Plug down 1:30 PM 6-12-77. Cement circulated to surface.

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	2504	2584	Water sand	Alamo	2504	2504
Pictured Cliffs	3110	3177	Gas Sand	Pictured Cliffs	3110	3110
Chacra	4003	4037	Gas sand	Chacra	4003	4003
Hole deviation Test (Degrees)						
145		1/4				
622		3/4				
1302		1				
1797		1				
2412		1 1/2				
2750		2				
3229		2				
3700		1 3/4				
4075		1 1/2				

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Caulkins Oil Company		County Rio Arriba	Date 8-11-77
Address P.O. Box 340, Bloomfield, New Mexico		Lease Breech "A"	Well No. 264
Location of Well H	Section 17	Township 26 North	Range 6 West

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Pictured Cliffs		Otero Chacra
b. Top and Bottom of Pay Section (Perforations)	3112-3168		4006-4087
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

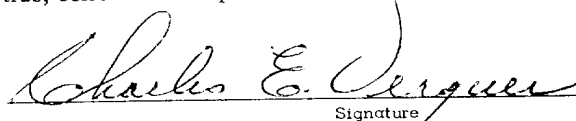
- | | | |
|---|-----------------------------|---|
| Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Mesa Petroleum Corp., P.O. Box 2009, Amarilla, Texas 79105

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO ____ . If answer is yes, give date of such notification 8-11-77.

CERTIFICATE: I, the undersigned, state that I am the Superintendent of the Caulkins Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.


Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of

BAKER PACKERS DIVISION

DATE 8-11-77 WELL NO. 264 LEASE Breech A FIELD Otero Chacra
South Blanco PC

8 5/8" 24# J-55 casing cemented at 145' with 150 sacks.
Cement circulated to surface.

1" NU 10 rd thd. V-55 tubing at 3112'.

Rotating scratchers 3200 to 3000'.

Pictured Cliffs perforations 3112 to 3128 and 3152 to 3168
with 2 holes per foot.

Baker Model F production packer at 3197'.

1 1/4" NU 10 rd thd. V-55 tubing set at 4022'.

Rotating scratchers 4100 to 3950'.

Chacra perforations one each at following points;
4006, 4010, 4016, 4021, 4028, 4087.


New 4 1/2" 10.5# H-40 casing cemented at 4110' with
445 sacks 65-35-12 gel cement followed by 320 sacks
Neat. Cement circulated to surface.

TD 4110'.

BAKER PACKERS DIVISION

Otero Chacra
South Blanco PC

DATE 8-11-77 WELL NO. 264 LEASE Breech A FIELD South Blanco PC

<p>Caulkins</p> <p>PC ○ 173</p>	<p>Caulkins</p> <p>Dak ○ 175</p>	<p>Caulkins</p> <p>PC ○ 177</p>
<p>Caulkins</p> <p>Mt-Dak. ○ 229</p>	<p>Caulkins</p> <p>PC. ○ 264</p> 	<p>Caulkins</p> <p>PC-Dak. ○ 233</p>
<p>Mesa</p> <p>PC ○ #17</p>	<p>Caulkins</p>	<p>Caulkins</p> <p>PC. ○ 293</p>

Mesa Petroleum Corp., P. O. Box 2009, Amarillo, Texas

CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401
August 11, 1977

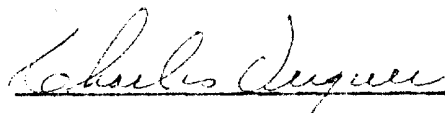
Mesa Petroleum Corp.
Post Office Box 2009
Amarilla, Texas

Gentlemen:

In accordance with requirements of the New Mexico Oil Conservation Commission, we are sending you herewith a copy of our Application for dual completion for our Breech "A" 264 well, (Pictured Cliffs Chacra) located in Unit H of section 17, 26 North 6 West, Rio Arriba County, New Mexico.

The tract on which this well is located adjoins your lease in Section 17, 26 North, 6 West.

Yours very truly,



Supt. Caulkins Oil Company

CC (2): New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

Yours very truly,



Supt. Caulkins Oil Company

CC (2): New Mexico Oil Conservation Commission
1000 Rio Brazos Road

CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401

August 11, 1977

New Mexico Oil Conservation Commission
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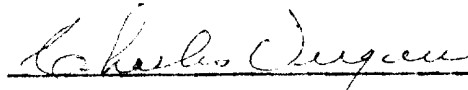
Gentlemen:

Submitted herewith for administrative approval is application for dual completion for our Breech "A" 264 well, (Pictured Cliffs Chacra) located in Unit H of Section 17, 26 North, 6 West, Rio Arriba, County, New Mexico.

Initial Packer Leakage test now in progress indicates good separation between zones.

Copies of this application have been mailed to operators of leases off-setting this well.

Yours very truly,



Supt. Caulkins Oil Company

CC (2): New Mexico Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico

