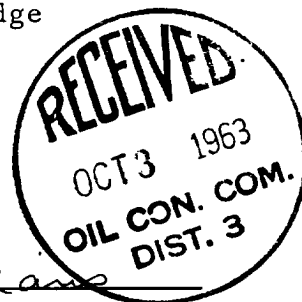


STATE OF COLORADO)
CITY AND) SS.
COUNTY OF DENVER)

A F F I D A V I T

W. H. Williams, of lawful age, being duly sworn
on his oath, deposes and states as follows:

1. That he is Chief Engineer
of Consolidated Oil & Gas, Inc.
2. That in the course of his duties he has examined the
Resume of Deviation Surveys, attached hereto and
made a part hereof by reference, covering the
Jicarilla No. 4-8 located in Section 8, Township 26
North, Range 5 West, Rio Arriba County, New Mexico.
3. That the said Resume of Deviation Surveys is a true
and correct statement to the best of his knowledge
and belief.



W. H. Williams

Subscribed and sworn to before me on this 1st day of October 1963 .

My commission expires:

5-16-64

Georgia Phillips
Notary Public

Consolidated Oil & Gas, Inc.
RESUME OF DEVIATION SURVEYS

JICARILLA NO. 4-8
Sec. 8, T26N, R5W, Rio Arriba Co., N. Mex.

<u>Depth (feet)</u>	<u>Deviation (degrees)</u>
100	1/2
250	1/2
500	1/4
1000	1/4
1521	1/4
1922	1/4
2600	3/4
3210	1
3600	1
4275	3/4
5020	1
5350	1
Whipstock	
5666	4 - 1/2
5838	4 - 1/4
6013	2 - 1/2
6100	2 - 1/2

STATE OF COLORADO ,
CITY AND) SS.
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W. H. Williams

Subscribed and sworn to before me on this 1st day of October 1963 .

My commission expires:

6-16-64

Georgia Hollins
Notary Public

Consolidated Oil & Gas, Inc.
RESUME OF DEVIATION SURVEYS

JICARILLA NO. 4-8
Sec. 8, T26N, R5W, Rio Arriba Co., N. Mex.

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5838	4 - 1/4
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6100	2 - 1/2

OIL CONSERVATION COMMISSION
~~Antec~~ DISTRICT

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 10-2-63

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

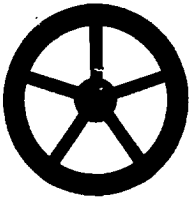
I have examined the application dated 10-14-63
for the ~~Consolidated Oil & Gas~~ Jicarilla 4-8 E-8-26N-5W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Agree

Yours very truly,

Emory C. Cantel



Consolidated Oil & Gas, Inc.

Executive Offices

4150 EAST MEXICO AVENUE
DENVER, COLORADO 80222
PHONE: 757-5441

October 2, 1963

Oil Conservation Commission
State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

Gentlemen:

Enclosed is our Application for Dual Completion of the Jicarilla No. 4-8 well located in Section 8, Township 26 North, Range 5 West, Rio Arriba County, New Mexico. Administrative approval is requested.

Thank you for your cooperation in this matter.

Yours very truly,

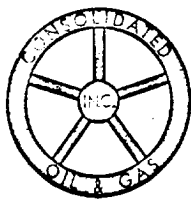
CONSOLIDATED OIL & GAS, INC.

W. H. Williams, Chief Engineer

pt
Enclosures

cc: NMOGCC
Aztec, New Mexico





Consolidated Oil & Gas, Inc.

Executive Offices

4150 EAST MEXICO AVENUE
DENVER, COLORADO 80222
PHONE: 787-5441

October 2, 1963

Northwest Production Company
P. O. Box 1796
El Paso, Texas

Aztec Oil & Gas Company
920 Mercantile Securities Bldg.
Dallas 1, Texas

Humble Oil & Refining Company
P. O. Box 120
Denver 1, Colorado

Occidental Petroleum Company
5000 Stockdale Highway
Bakersfield, California

Gentlemen:

Enclosed are copies of our Application for Dual Completion for our Jicarilla No. 3-8 and Jicarilla No. 4-8 wells, both located in Section 8, Township 26 North, Range 5 West, Rio Arriba County, New Mexico.

If as offset operators you have no objection to these dual completions, we would appreciate your so advising the New Mexico Oil & Gas Conservation Commission. A carbon copy of your letter to the Commission directed to the undersigned would also be appreciated.

Thank you for your cooperation in this matter.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

W. H. Williams, Chief Engineer

pt
Enclosures

cc: NMOGCC

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Blanco Mesaverde & Tapicito Pict. Cliffs		County Rio Arriba		Date October 2, 1963
Operator Consolidated Oil & Gas, Inc.		Lease Jicarilla		Well No. 4-8
Location of Well	Unit E	Section 8	Township 26N	Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual 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	Lower Zone
a. Name of reservoir	Pictured Cliffs	Mesaverde
b. Top and Bottom of Pay Section (Perforations)	3530' - 3600'	5656' - 5824'
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 mark YES or NO)

- Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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.
- Yes 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.
- Yes c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- Yes 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.

Northwest Production Company, P. O. Box 1796, El Paso, Texas

Aztec Oil & Gas Company, 920 Mercantile Securities Building, Dallas 1, Texas

Humble Oil & Refining Company, P. O. Box 120, Denver 1, Colorado

Occidental Petroleum Company, 5000 Stockdale Highway, Bakersfield, California

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 October 2, 1963.

CERTIFICATE: I, the undersigned, state that I am the Chief Engineer of the Consolidated Oil & Gas, Inc. (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 dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

Diagrammatic Sketch to Accompany
Application for Dual Completion
JICARILLA NO. 4-8
Sec. 8, T26N, R5W, Rio Arriba Co.
New Mexico

9-5/8" casing @ 293' with
225 sz. neq. 2% CaCl₂

Top of Cement @ 2360'
(Calculated)

1" TUBING @ 3471'

3530
3600

Pictured Cliffs Perforations

Top of liner @ 3631'
Cement Circulated
on liner

7" casing set @ 3727' with
164 sz. 50-50 Diamix "A"

1-1/2" TUBING @ 5568'

Top of cement @ 4800'
Temperature survey

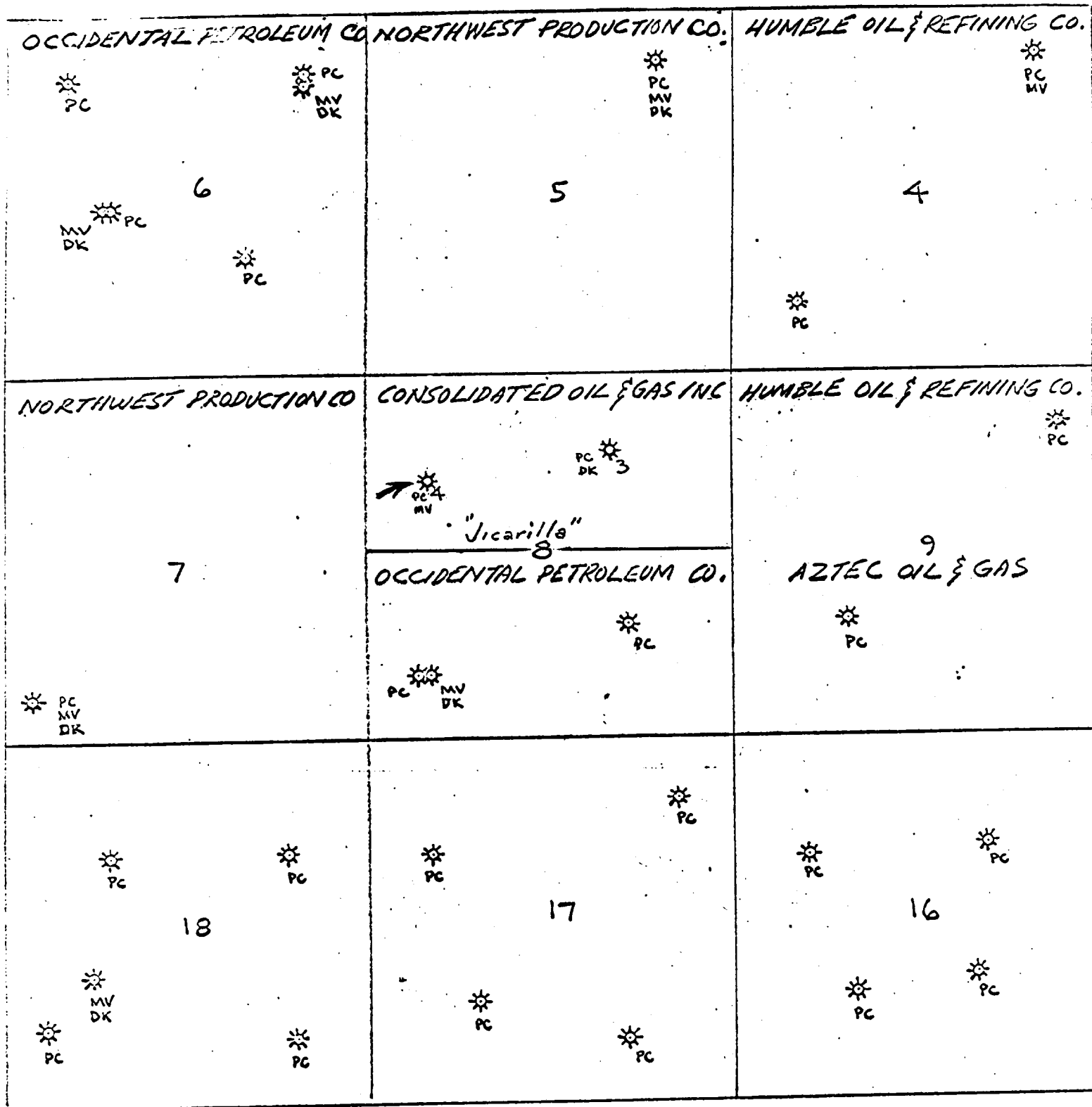
Baker Model "D" Packer
set @ 5568'

5656
5824

Mesaverde Perforations

4 1/2" casing as liner set @ 6126'
with 304 sz. Diamix "A"

T.D. = 6127'



Location Plat to Accompany Application for Dual Completion

CONSOLIDATED OIL & GAS, INC.

Jicarilla No. 4-8, Sec. 8, T26N, R5W, Rio Arriba Co.
New Mexico