



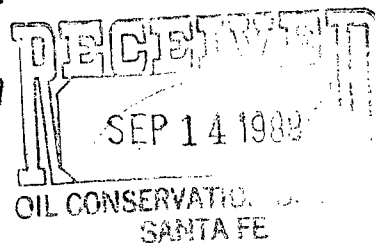
David L. Wacker
Division Manager
Production Department
Hobbs Division
North American Production

Conoco Inc.
P.O. Box 460
726 East Michigan
Hobbs, NM 88240
(505) 397-5800

September 9, 1988

Mr. William LeMay, Director
State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501-2088

*No Shinnel Park in area
790-130 Rube
addly for both
zones.*



Dear Mr. LeMay:

Request for Unorthodox Location - Jicarilla 30 No. 16, 660' FSL & 1980' FWL, Section 29, T25N, R4W, Rio Arriba County, New Mexico, Mesaverde and/or Chacra Pools

Conoco Inc. respectfully requests administrative approval of the unorthodox location for the subject well.

This well is currently completed as an oil well in the West Lindrith Gallup Dakota. Conoco is proposing to recomplete the well to the Mesaverde and/or Chacra with the possibility of a dual completion in the future. Conoco is the only operator with Mesaverde and Chacra rights offsetting this well.

Attached is a lease map and Form C-102 showing the well location and dedication. Please contact Ms. Ceal Yarbrough at (505) 397-5825 if you have any questions.

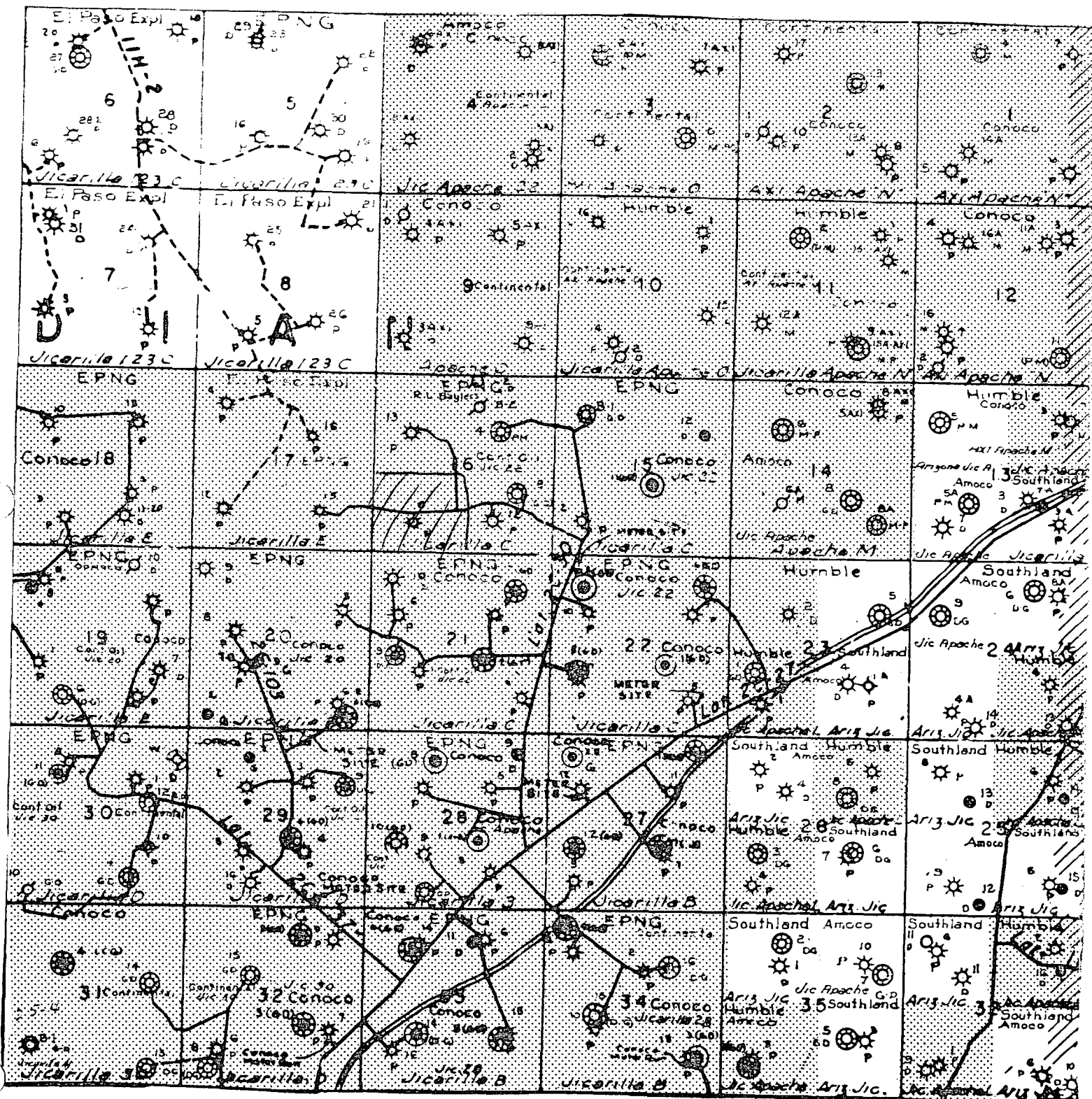
Yours very truly,

David L. Wacker
David L. Wacker

COY/cln

attachment

cc: NMOC D - Aztec



conoco acreage

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

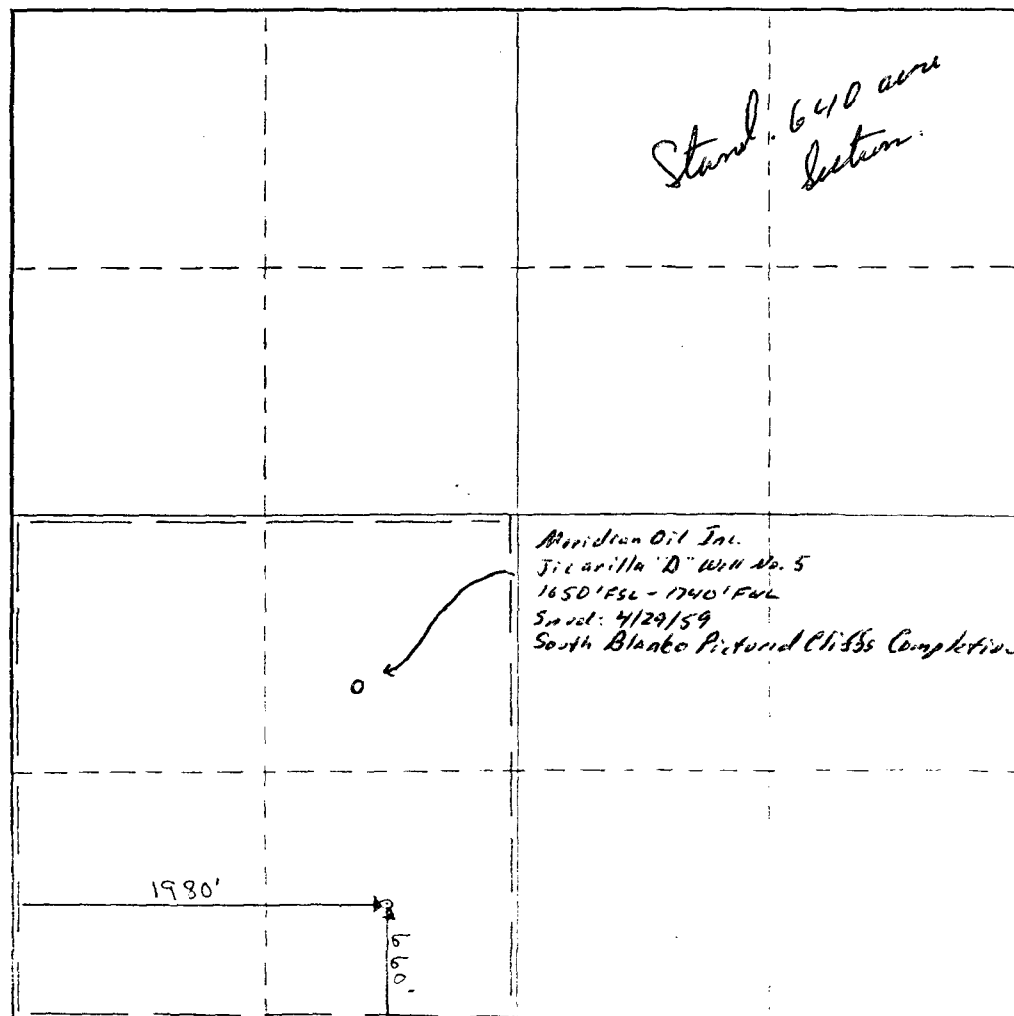
Operator Conoco Inc.			Lease Jicarilla 30		Well No. 16
Unit Letter N	Section 29	Township 25 N	Range 4 W	County Rio Arriba	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 6922'	Producing Formation Mesaverde / Chacra		Pool Und. Mesaverde / Und. Chacra	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
McInerney for *D.F. Finney*
Position

Adm. Supervisor

Company
Conoco Inc.

Date
9/8/88

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Licensed Surveyor

Certificate No.

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290

NO. OF COPIES REQUIRED	
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TRANSPORTER	
OPERATOR	
PROMOTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator	Conoco Inc.		
Address	P. O. Box 460, Hobbs, New Mexico 88240		
Reason(s) for filing (Check proper box)	Other (Please explain)		
New Well	☐	Change in Transporter oil	
Recompletion	☐	Oil ☒	Dry Gas ☐
Change in Ownership	☐	Casinghead Gas ☐	Condensate ☐

If change of ownership give name and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Jicarilla 30	Well No.	16	Pool Name, including Formation	Lindrith Gallup Dakota, West	Kind of Lease	State, Federal or Fee Lic. Indian	Lease No.	C-41
Location	Unit Letter N : 660 Feet From The South Line and 1980 Feet From The West								
Line of Section	29	T. or S.	25N	Range	4W	NMPM	Rio Arriba	County	

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Conoco Inc. Surface Transportation	P. O. Box 1429, Bloomfield, New Mexico 87413					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Company	Petroleum Plaza, Farmington, New Mexico 87401					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	0	29	25N	4W	Yes	

If this production is commingled with that from any other lease or pool, give commingling order number PC-299

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. h
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, CR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top 1/4 mile for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bble.	Water-Bble.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bble. Condensate/MMCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shot-In)	Casing Pressure (Shot-In)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

David A. Smyth
(Signature)

Administrative Supervisor

November 16, 1984

(Date)

OIL CONSERVATION DIVISION

APPROVED NOV 16 1984, 19
BY Frank J. [Signature]
TITLE SUPERVISOR DISTRICT #2

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the device tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multi-completed wells.

OIL CONSERVATION DIVISION

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NOV 22 1982

NO. OF WELLS REQUESTED	
DISTRIBUTION	
SANTA FE	
FILE	
MAILING	
LAND OFFICE	
TRANSPORTER	OIL
	NATURAL GAS
OPERATOR	
PRODUCTION OFFICE	
OPERATOR	

Conoco Inc.

Address

P.O. Box 460 Hobbs, NM 88240

Reason(s) for filing (Check proper box)

New Well ☐Re-completion ☐Change in Ownership ☐

Change in Transporter of:

Oil ☒Easinghead Gas ☐Dry Gas ☐Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease No. <u>16</u>	Well No. <u>16</u>	Pool Name, including Formation <u>Lindrith Gallup Dakota-West</u>	Kind of Lease <u>Indian C-4</u>	Lease No. <u>16</u>
Location				
Unit Letter <u>N</u>	<u>660</u> Feet From The <u>S</u> Line and <u>1980</u> Feet From The <u>W</u> Line	Line of Section <u>29</u> Township <u>25N</u> Range <u>4W</u> NMPM, Rio Arriba		

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)	
<u>Ciniza Pipeline Company</u>	<u>P. O. Box 1887, Bloomfield, NM</u>	
Name of Authorized Transporter of Easinghead Gas ☒ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)	
<u>El Paso Natural Gas Company</u>	<u>Petroleum Plaza, Farmington NM</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>0</u> Sec. <u>29</u> T. p. <u>25</u> Rge. <u>4</u>	Is gas actually connected: <u>Yes</u> When <u>8-15-81</u>

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil well	Gas well	New well	Workover	Deepen	Plug Back	Same Reservoir	Other
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations				Depth Casing Shoe				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed the allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (flow, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Jane A. Miller
(Signature)

Administrative Supervisor

(Title)

November 17, 1982

(Date)

OIL CONSERVATION DIVISION

APPROVED NOV 22 1982, 19BY John T. DayTITLE SUPERVISOR DEIRI

This form is to be filed in compliance with RULE 110.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name, or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple-completed wells.

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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NOV 19 1981

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1. OPERATOR
Conoco Inc.

Address
P.O. Box 460 Hobbs, NM 88240

Reason(s) for filing (Check proper box)
 New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐
 Recompletion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐ Other (Please explain) _____

If change of ownership give name and address of previous owner _____



2. DESCRIPTION OF WELL AND LEASE

Lease Name Jicarilla 30	Well No. 16	Pool Name, including Formation West Lindrith/Gallup Dakota	Kind of Lease State, Federal or Fee Indian	Lease No.
Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line of Section <u>29</u> Township <u>25N</u> Range <u>4W</u> , NMPM, Rio Arriba County				

3. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Shell Pipeline Corp.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1910, Midland, TX 79702
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent) Petroleum Plaza, 30th St. Farmington, NM
If well produces oil or liquids, give location of tanks. Unit <u>0</u> Sec. <u>29</u> Twp. <u>25</u> Rge. <u>4W</u>	Is gas actually connected? <u>Yes</u> When <u>8-15-81</u>

If this production is commingled with that from any other lease or pool, give commingling order number: _____

4. COMPLETION DATA

Designate Type of Completion - (X) Oil Well ☒ Gas Well ☐ New Well ☒ Workover ☐ Deepen ☐ Plug Back ☐ Some Res't, Diff. Res't	Date Spudded 6-2-81	Date Compl. Ready to Prod. 7-15-81	Total Depth 7575'	P.B.T.D. 7562'
Elevations (T.F., RKB, RT, GR, etc.) GL-6922	Name of Producing Formation Gallup Dakota	Top Oil/Gas Pay 6475	Tubing Depth 7413	Depth Casing Shoe 7575'
Perforations Gallup: 6475'-6745' Dakota: 7295'-7502'				
TUBING, CASING, AND CEMENTING RECORD				
HOLE SIZE 12-1/4"	CASING & TUBING SIZE 8-5/8"	DEPTH SET 295'	SACKS CEMENT 220	
7-7/8"	5-1/2"	7575'	1800	
	2-3/8"	7413'		

5. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 7-13-81	Date of Test 8-13-81	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24 hrs.	Tubing Pressure 80	Casing Pressure 1200	Choke Size Open
Actual Prod. During Test 26 bbls	Oil-Bbls. 16 bbls	Water-Bbls. 10 bbls	Gas-MCF 110 MCF

160

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

6. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

M. E. Spence
(Signature)
Administrative Supervisor
(Title)
9-23-81
(Date)

OIL CONSERVATION DIVISION

APPROVED 10-21-81 **OCT 21 1981**
BY *Sam T. Dwyer*
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filled for each pool in multiple completion wells.

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Contract 41	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR CONOCO INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240		8. FARM OR LEASE NAME Jicarilla 30	
4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements) At surface 660' FSL & 1980' FWL At top prod. interval reported below ☒ At total depth ☒		9. WELL NO. 16	
14. PERMIT NO. 6-1981 DATE ISSUED OCT 19 1981		10. FIELD AND POOL, OR WILDCAT West Lindrieth Gallup Dakota	
15. DATE SPUNDED 6/2/81		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 29, T-25N, R-4W	
16. DATE T.D. REACHED 6/19/81		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 7/15/81		13. STATE NM	
18. ELEVATIONS (DF. RKB, RT, GR, ETC.) 6922' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7575'		21. PLUG, BACK T.D., MD & TVD 7562'	
22. IF MULTIPLE COMPL., HOW MANY		23. INTERVALS DRILLED BY Rotary Tools	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7295'-7502' Dakota		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CCL, temp survey		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 #	295'	12 1/4"
5 1/2"	15.5 #	7575'	7 7/8"
			CEMENTING RECORD
			220 SX
			1800 SX
			AMOUNT PULLED
			8 bbls.
			TOC 1850' by temp survey
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		None	
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
7295', 7303', 05', 30', 33', 35', 74.40', 44', 47', 53', 55', 57', 62', 64', 84', 86', 88', 90', 92', 7500', 7502' w/ 15SPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
7295'-7502'	42 bbls. 15% HCL-NE-FE, 3103 bbls. gel, 400000 # 20/40 sd., 1666 bbls. 1% KCL wtr.		
33. PRODUCTION			
DATE FIRST PRODUCTION 7/20/81	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing (Downhole commingled)		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9/13/81	HOURS TESTED 24 hrs	CHORE SIZE NA	PROD'N. FOR TEST PERIOD
			OIL—BBL. 16 GAS—MCF. 110 WATER—BBL. 10 GAS-OIL RATIO 6875
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL GRAVITY-API (CORR.)
NA	NA	16	46°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			TEST WITNESSED BY G. Flowers
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

Wm A. Butterfield

TITLE

Administrative Supervisor

DATE

OCT 20 1981

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

NMOCC

BY

FARMINGTON DISTRICT

S.M.

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 33.

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: "Stacks 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
San Jose	Surface	1100 est	Water	San Jose	surface
Gallup	6433	6757	Oil & Gas	Nacimiento	1100 est
Dakota	7292	TD	Oil & Gas	Ojo Alamo	2400 est
				Kirtland	2800 est
				Pictured cliff	3100 est
				Chacra	3978
				Cliff house	4736
				Point lookout	5240
				Mancoos	5427
				Gallup	6433
				Base Gallup	6757
				Green horn	7216
				Graneros	7273
				Dakota	7292
				TD	7567

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 CONOCO INC.			
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth			
14. PERMIT NO.		DATE ISSUED	
15. DATE SPEUDED		16. DATE T.D. REACHED	
6/2/81		6/19/81	
17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	
7/15/81		6922' GR	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD	
7575'		7562'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
		All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		25. WAS DIRECTIONAL SURVEY MADE	
6475'-6745' Gallup		Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED	
GR, CCL, temp. survey		No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	295'	12 1/4"
5 1/2"	15.5#	7575'	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
220 SX		8 bbls.	
1800 SX		TOC 1850' by temp. survey.	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		None	
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	7413'		
31. PERFORATION RECORD (Interval, size and number)			
6475', 79', 6510', 13', 16', 26', 35', 44', 48', 6604', 07', 30', 34', 37', 39', 54', 56', 78', 80', 98', 6703', 20', 35', 38', 6745' w/ JSPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
6475'-6745'	50 bbls 15% HCL-NE-FE, 2716 bbls gelled wtr., 268568 # 20/40 sd.		
33. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)
7/20/81	Flowing (Downhole commingled)		Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
9/13/81	24 hrs	NA	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
NA	NA		16 110 10 46°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY
Sold			G. Flowers
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from the well log and other data.			
SIGNED		TITLE	DATE
Wm A. Zuttermeister		Administrative Supervisor	Oct 16, 1981

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

NMOC

FARMINGTON DISTRICT

BY

Jm

CSC
COY
RLM
BEA
File

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.
San Jose	Surface	1100 est	water
Gallup	6433	6757	Oil & Gas
Dakota	7292	TD	Oil & Gas

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Jose	Surface	
Nacimiento	1100 est	
Ojo Alamo	2400 est	
Kingland	2800 est	
Pictured Cliff	3100 est	
Chaco	3978	
Cliff House	4936	
Point Lookout	5240	
Mancos	5427	
Gallup	6433	
Base Gallup	6757	
Greenhorn	7216	
Guaneros	7273	
Dakota	7292	
TD	7567	

13

SUNDRY NOTICES AND REPORTS ON WELLS

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
CONOCO INC.

3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

below.)
AT SURFACE: 660' FSL $\hat{E}$ 1980' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

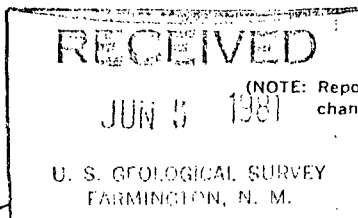
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

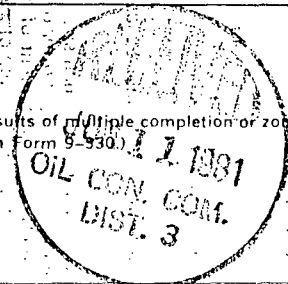
TEST WATER SHUT-OFF	☐
FRACTURE TREAT	☐
SHOOT OR ACIDIZE	☐
REPAIR WELL	☐
PULL OR ALTER CASING	☐
MULTIPLE COMPLETE	☐
CHANGE ZONES	☐
ABANDON*	☐

(other) spud, ran surface csg.

SUBSEQUENT REPORT OF



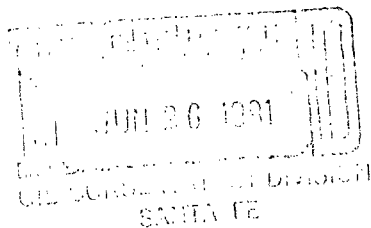
(NOTE: Report results of multiple completion or zone change on Form 9-930.)



17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU. Spud well 6/2/81. Ran 858," 24," K-55, STC csg set at 295'.

Cmt'd w/ 2205x Class B Neat. Circulated 866ls. cmt to surface.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wm O. Butterfield TITLE Administrative Supervisor DATE June 3, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE	DATE
-------	------

NMOCC

*See Instructions on Reverse Side

BY

Dean Elliott

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22719

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
CONOCO INC.

3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FSL & 1980' FWL
N At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6922'

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
GENERAL REQUIREMENTS

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24 #	300'
7 7/8"	5 1/2"	15.5 #	7580'

5. LEASE DESIGNATION AND SERIAL NO.

Contract 41

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 30

9. WELL NO.

16

10. FIELD AND POOL, OR WILDCAT

West Lindrith Gallup Dakota

11. SEC., T., R., M., OR B.R. AND SURVEY OR AREA

Sec. 29, T. 25N, R. 4W

12. COUNTY OR PARISH

Rio Arriba NM

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 acres

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 17, 1981

This action is subject to administrative appeal pursuant to 30 CFR 290.

It is proposed to drill a straight hole to a TD of 7580' and complete it as a West Lindrith Gallup Dakota oil well.

See attachments for 10-point well plan & 13-point surface use plan.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measures to be taken to prevent blowout preventer program, if any.

24. SIGNED Re E. Brigham TITLE Administrative Supervisor DATE 3-20-81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
DATE
APR 15 1981
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions On Reverse Side

NMOCC

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

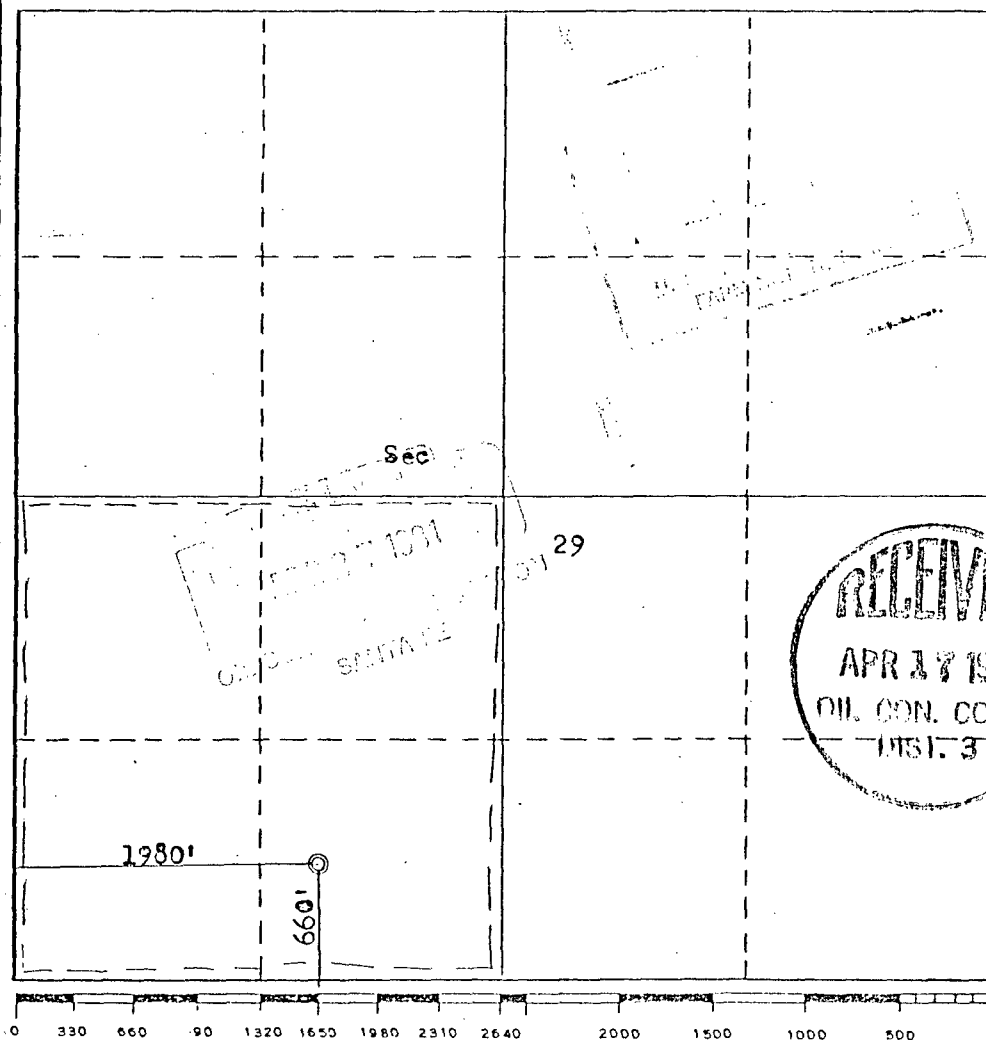
Operator CONTINENTAL OIL COMPANY			Lease JICARILLA 30		Well No. 16
Unit Letter N	Section 29	Township 25N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 6922	Producing Formation Gallup Dakota		Pool West Lindrith Gallup Dakota		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

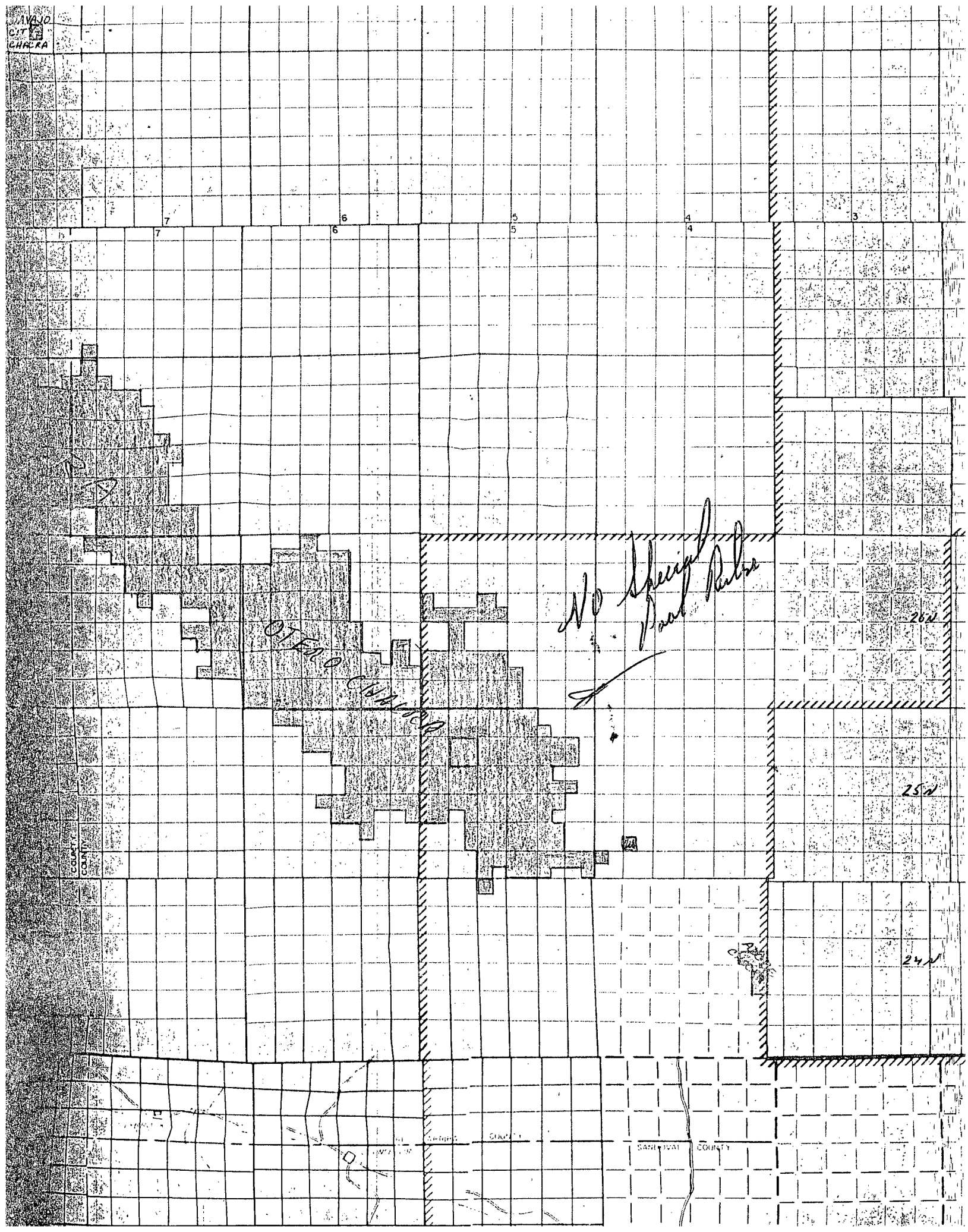
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name John A. Smith
Position Administrative Supervisor
Company Continental Oil Company
Date May 10, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed October 18, 1978
Registered Professional Engineer and/or Land Surveyor Fred B. Kerr Jr.
Certificate No. 3959

AVOID
CITY
CHURCH



4W

BLANCO
MESAVENDE

5

4

3

2

R.W.

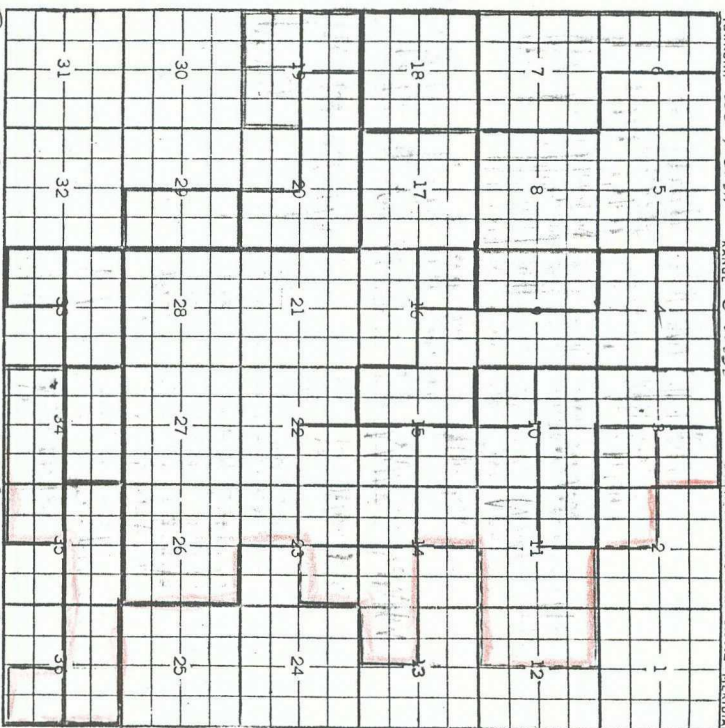
25 11-4W

26 11

25

County Rio Arriba Pool Otero - Chama

TOWNSHIP 25 North RANGE 5 West NEW MEXICO PRINCIPAL MERIDIAN



Description: $\frac{1}{2}$ Sec. 16, All Sec 17 & 21, $\frac{1}{2}$ & $\frac{5}{8}$ Sec 22, SW $\frac{1}{4}$ Sec 23

All Sec. 26, 27 & 28 (R-987, 4-29-57) - Ext. $\frac{N}{2}$ Sec. 33 (A-1018, 6-28-57)

Ext. A11 Sec 18, 1/2 Sec. 34 (P. 1080, 11-1-57) - 1/2 Sec 29 (P. 1468 9-1-57)

Ext: $n_4^{14} \text{ Dec } 19, m_3^{15} \text{ Dec } 20 (R. H. 89, 10.1.5.9) = n_4^{16} \text{ Dec } 16 (R. H. 16.13)$

14 Dec. 33 R-1513, 12-1-60-1-72 Dec. 4, 72 Dec. 9, 13, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841,

[illegible]

$\frac{NW}{NE} \log_{10} \frac{NW}{NE}$

Ext. SW, Sec 2 S^{1/2} Sec 3 S^{1/2} Sec 10 S^{1/2} NE
Sec 3 - 2 Sec 10 - 4 Sec 11, 2 Sec 30, 2 Sec 36 (L-7200, 3-1-1)

$NW \frac{1}{4}$ Sec 14, $NE \frac{1}{4}$ Sec 15, $R-41.00$, $T-1-7a$ Ext. $SW \frac{1}{4}$ Sec 19, $R-49.13$, $T-1$

Ext. 5¹/₄ Sec 19 (R-5772, 7-1-78) Ext. 1 1/2 Sec 4 (R-6886 1-22-

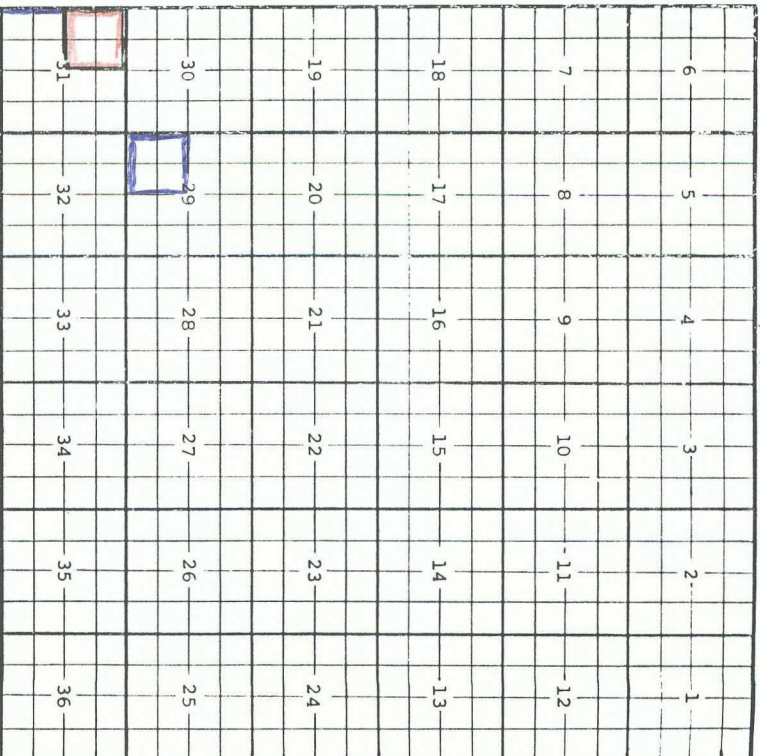
Ext. ^{50/}Sec. 13 ^{52/}Sec. 14 ^{52/}Sec. 23 ^{5/}Sec. 34 ^{50/}Sec. 35 ^{52/}Sec. 36 (A-7046, 8-6)

Ext. NE/5 sec. 3 (R-7420, 1-9-84)

100

COUNTY Rio Arriba POOL Otero-Chama

TOWNSHIP 25 North RANGE 4 West NMPN

[illegible]

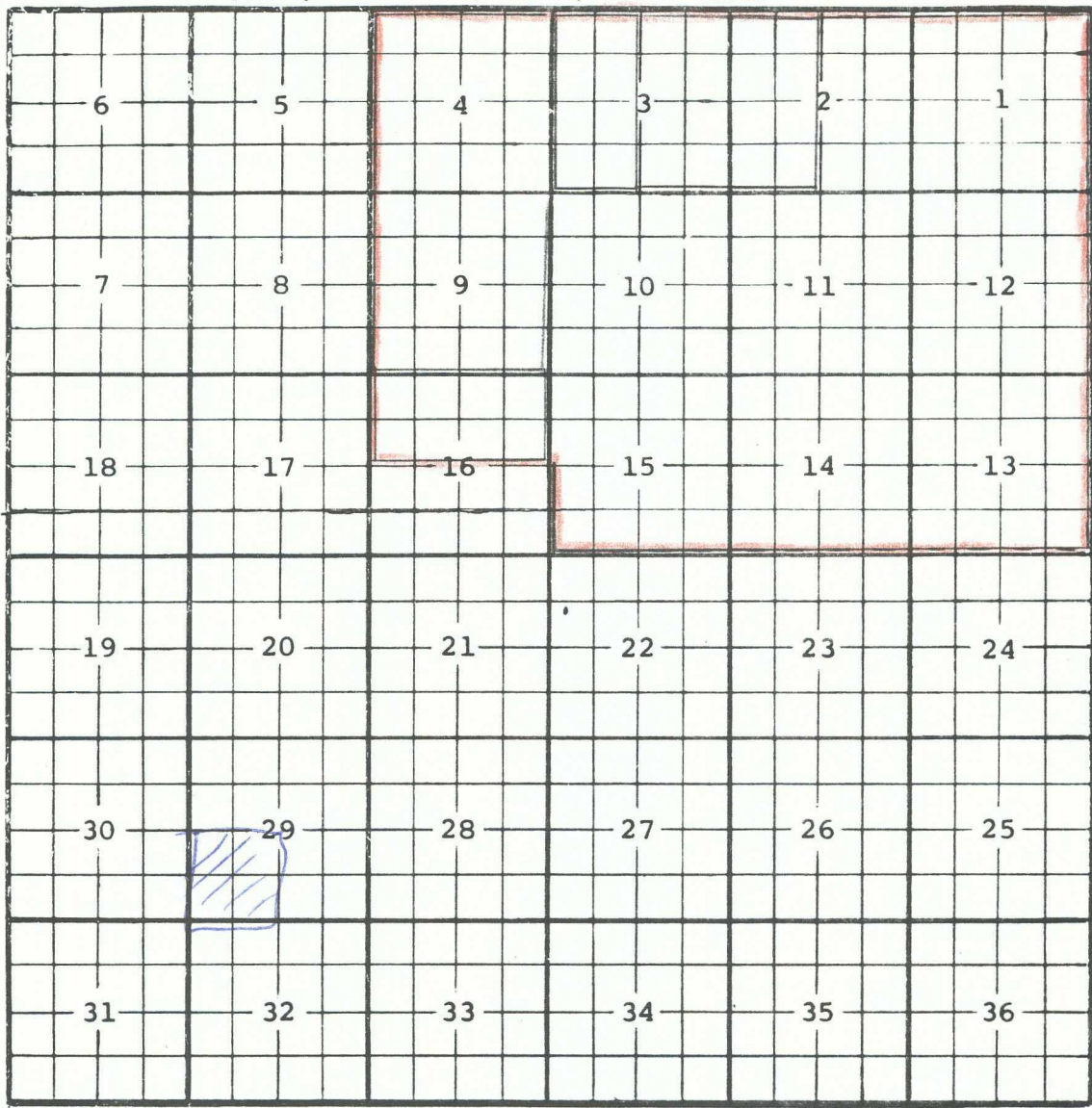
Ext. $\frac{NM}{4}$ Sec. 31 (P-4260.3-1-72)

100

10

10

Rio Arriba &
COUNTY San Juan POOL Blanco - Mesaverde
TOWNSHIP 25 North RANGE 4 West NMFM



Ext: $\frac{W}{2}$ Sec 3 (R-4963, 3-1-75) Ext: $\frac{W}{2}$ Sec 2, $\frac{E}{2}$ Sec 3, All Sec 4 & 9, -
- $\frac{N}{2}$ Sec 16 (R-5339, 2-1-77) Ext: All Sec 1, $\frac{E}{2}$ Sec 2 -
- All Secs 10, 11, 12, 13, 14, & 15 (R-5596, 1-1-78)



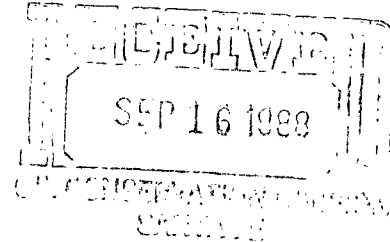
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

10001 OLD HIAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6170

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 9-15-88

RE: Proposed MC _____
Proposed DHC _____
Proposed HSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____



Gentlemen:

I have examined the application dated 9-14-88
for the Chaco Inc. Tr. 30 #16 N-29-25N-40S
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

E. B. [Signature]