

UIC - I - 8-1, 2 & 3

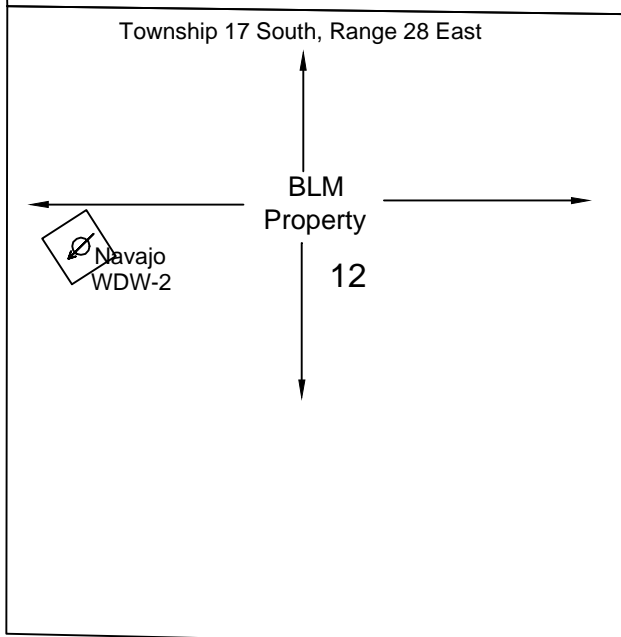
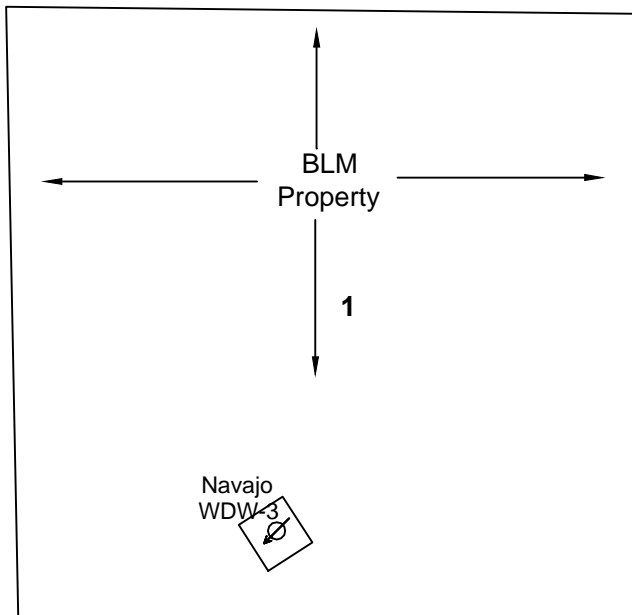
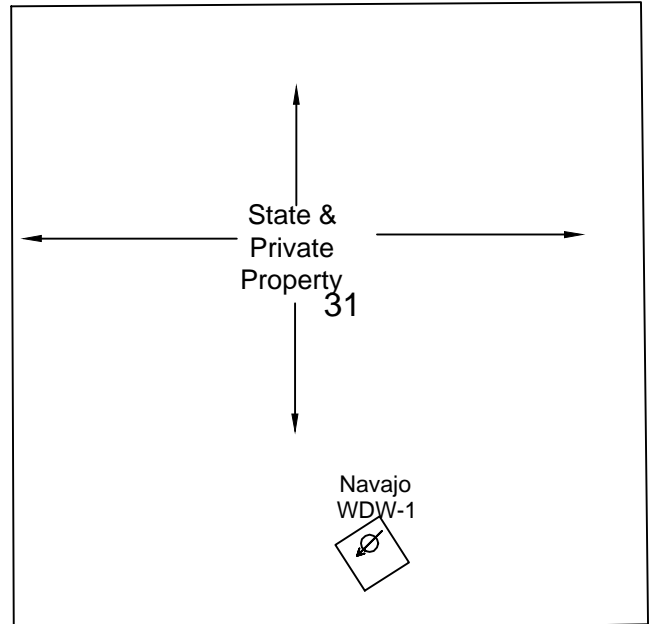
WDWs-1, 2 & 3

PERMITS,

RENEWALS,

& MODS (12 of 18)

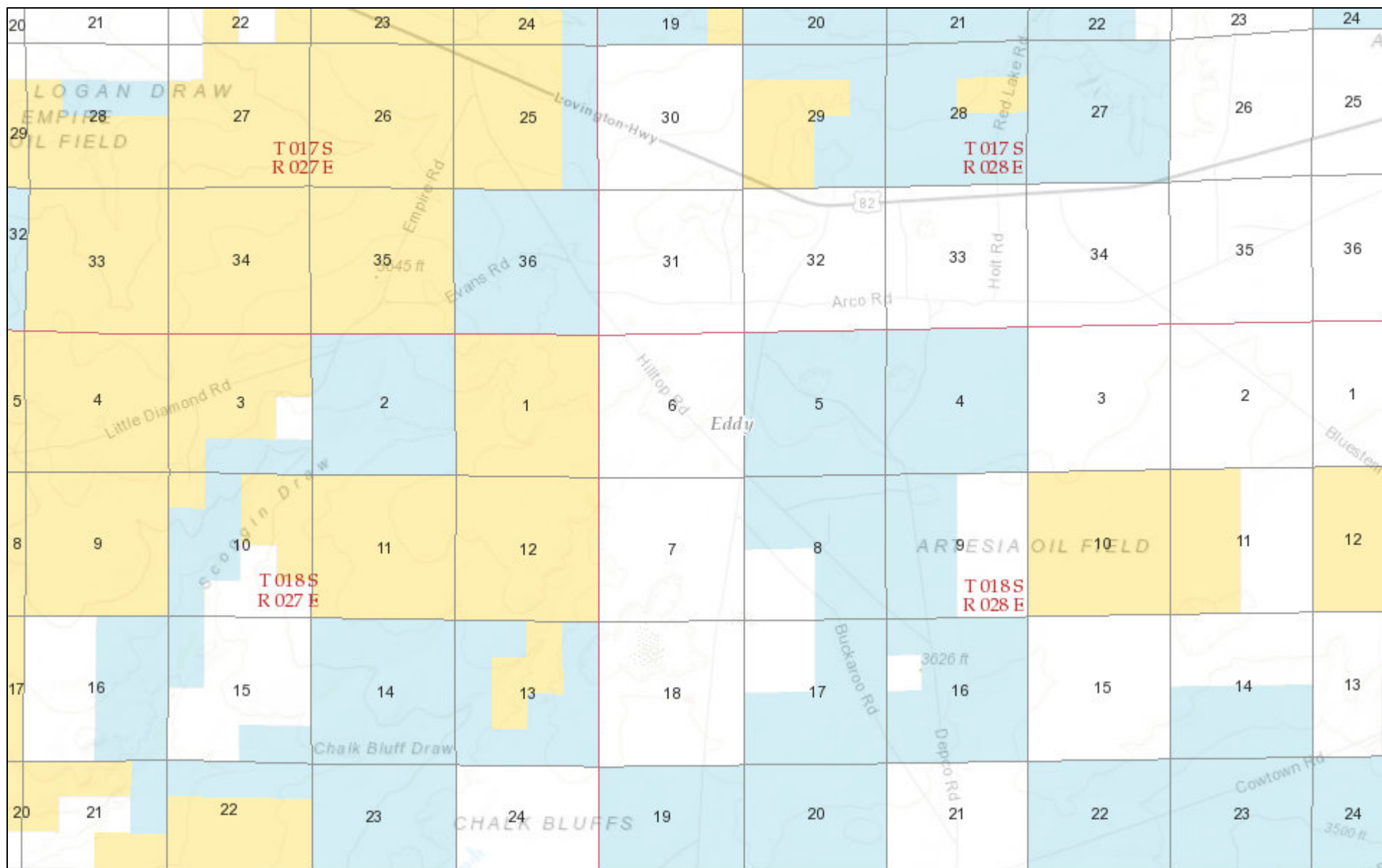
2017







NOTE: The U.S. Department of the Interior, Bureau of Land Management owns all land in Sections 1, 12 and 31, Townships 17 and 18 South, Ranges 27 and 28 East. Navajo WDW -2 and WDW-3 Class I Non-Hazardous Waste Injection well is located on land owned by the BLM and WDW-1 is on State and Private Property.

APPENDIX A		
HOLLYFRONTIER NAVAJO REFINING LLC ARTESIA, NEW MEXICO		
SURROUNDING LAND OWNERSHIP INFORMATION		
DATE: 01/23/17	CHECKED BY:	JOB NO: 50904D
DRAWN BY: WDO	APPROVED BY:	DWG NO:

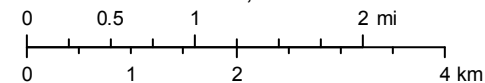
Surrounding Property Owners to WDW-1, WDW-2, and WDW-3 Locations



January 28, 2017

-  Administrative Unit Boundary
  Counties
  Townships
  Sections

1:72,224



Bureau of Land Management, Network Operations Center (NOC)
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO,

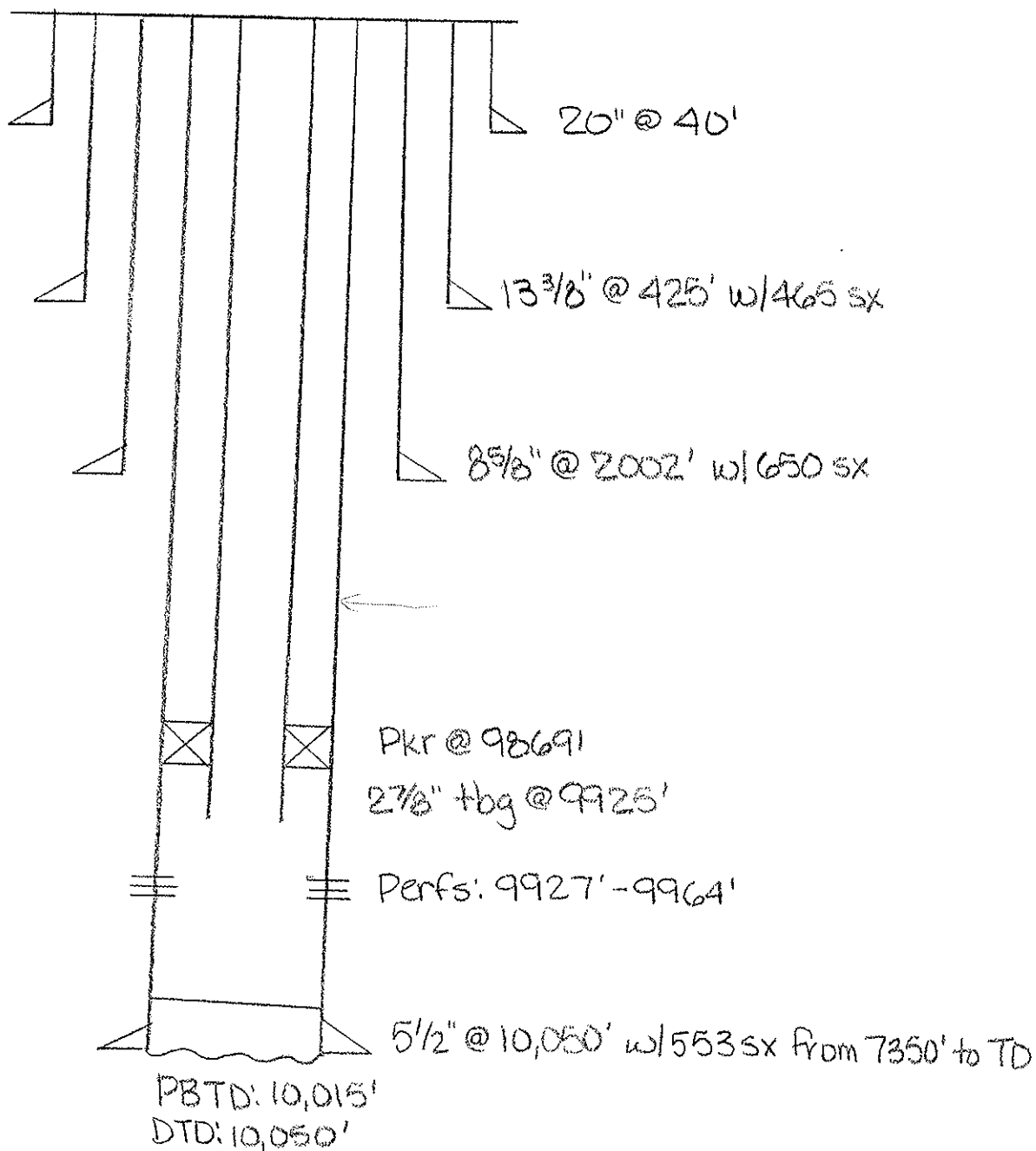
SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 12
Artificial Penetration Review

OPERATOR LRE Operating, LLC
LEASE No Bluff 36 State Com
WELL NUMBER 2
DRILLED 3/19/01
PLUGGED NA

STATUS Active Gas
LOCATION Sec. 36-T 17S-R 27E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7296'
API NO. 30-015-31123

REMARKS:



30-115-31123

Agard - 148111
Prop - 25858
Foot - 78890

Geol. Tops per 1301

Bowers	845	Alco	5018
Queen	1040	Wolfcamp	6735
Grayburg	1372	CISCO	8237
San Andres	1733	CANYON	8360
Glorieta	3197	STRAWN	8881
Tubb	4057	Atoka	9464
		McNew	9650

Comp Cont.

Confidential
8-23-01

5-23-01

DLL/GR

4995-10003

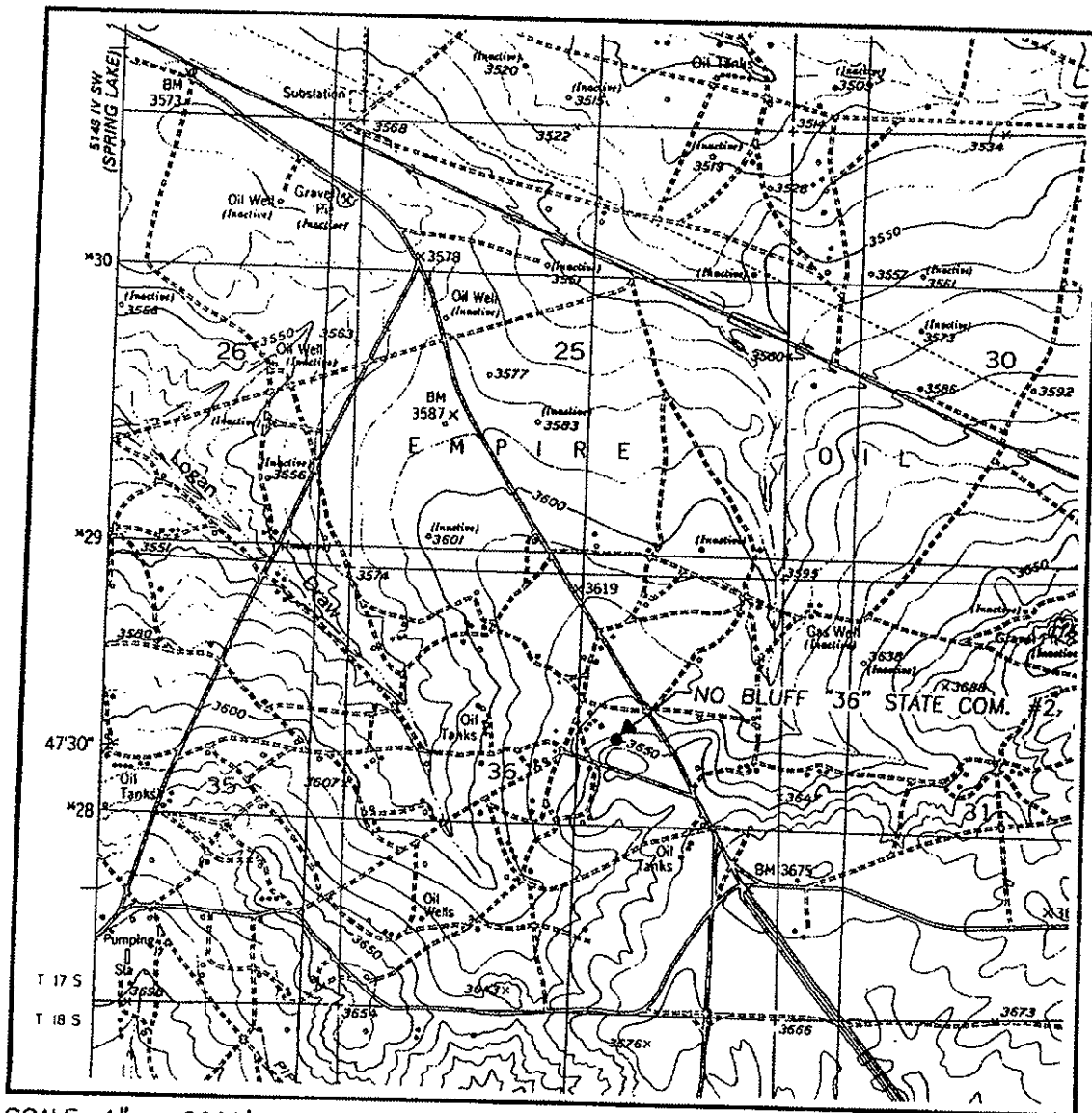
Comp Z-DL/Comp NEAT/GR

Surf-9984

... re/converted Comp & Sh

62
1990-10013

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE, N.M. - 10'

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 1980' FEL

ELEVATION 3639

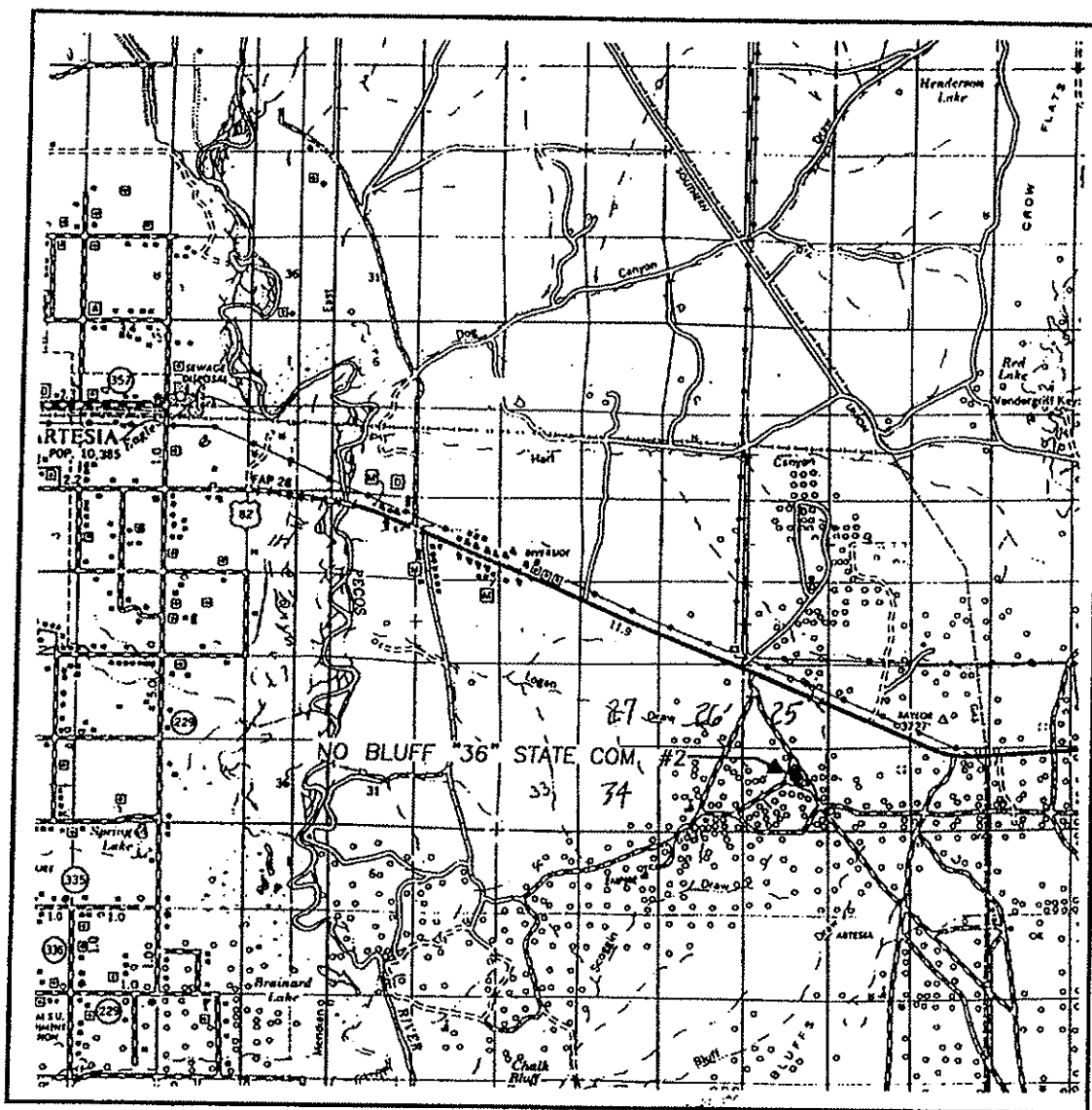
OPERATOR SOUTHWESTERN ENERGY
PRODUCTION CO.

LEASE NO BLUFF "36" STATE COM.

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 1980' FEL

ELEVATION 3639

OPERATOR SOUTHWESTERN ENERGY PRODUCTION CO.

LEASE NO BLUFF "36" STATE COM.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

2000'-10,100' 13-5/8" 5000# double ram type preventers, 5000# annular preventer and rotating head body. Test all rams choke manifold, kill line upper and lower kelly valves to 3000 psi. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.

Any equipment failing to test satisfactorily, will be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log.

The BOP's will be maintained ready for use until drilling operations are completed. BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 1980' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3639' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

San Andres	1851'
Glorietta	3355'
Wolfcamp	6670'
Strawn	9030'
Morrow Clastics	9770'
Missippian	10,000'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	1500 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	2000'	Lead: 1260 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,100'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-2000'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
2000'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10,100'	9.3-9.6	34-38	<15 cc	xantham gum, starch

Blowout Prevention Program- Attachment to Form C-101

0'-425'	None
425'-2000'	20" 2000# annular preventer system.

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

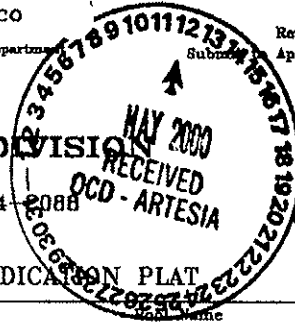
DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	
Property Code	Property Name NO BLUFF "36" STATE COM.	Well Number 2
OGRED No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO.	Elevation 3639

Surface Location

UL or lot No. G	Section 36	Township 17 S	Range 27 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

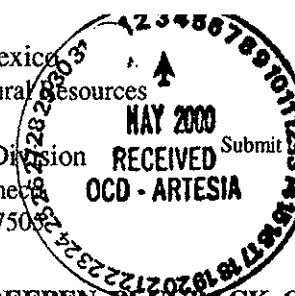
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Rowan Printed Name Drilling Technician Title May 4, 2000 Date
	SURVEYOR CERTIFICATION 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 belief. APRIL 19, 2000 Date Surveyed Signature of Surveyor Professional Surveyor Ronald E. Edson Certificate No. RONALD E. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505



Form U-101
Revised 17, 1999
Appropriate District Office
State Lease 6 Copies
Fee Lease 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30-015-31123
⁴ Property Code 25858	⁵ Property Name No Bluff "36" State Com.	⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	17S	27E		1980	North	1980	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat (Mississippian)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3639
¹⁶ Multiple N	¹⁷ Proposed Depth 10,100'	¹⁸ Formation Mississippian	¹⁹ Contractor Patterson	²⁰ Spud Date 5/25/00 (est.)

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Minimum WOC time	3 hrs 40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	0,000 *

* Oper to cover all oil, gas & water bearing zones

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Notify OCD at SPUD & TIME
to witness cementing the
13 3/8" casing.**

SEE ATTACHMENT

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUN DISTRICT H SUPERVISOR	
Title: Drilling Technician		Approval Date: MAY 03 2000 Expiration Date: MAY 03 2001	
Date: May 2, 2000	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

DISTRICT I
1005 N. French St., Hobbs, NM 88240

DISTRICT II
P.O. Drawer 10, Artesia, NM 88211-0710

DISTRICT III
1000 E. Brown St., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 2 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

XX AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31123	Pool Code	Pool Name Wildcat (Mississippian)
Property Code 25858	Property Name NO BLUFF "36" STATE COM	Well Number 2
OGED No. 148111	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO. /	Elevation 3634

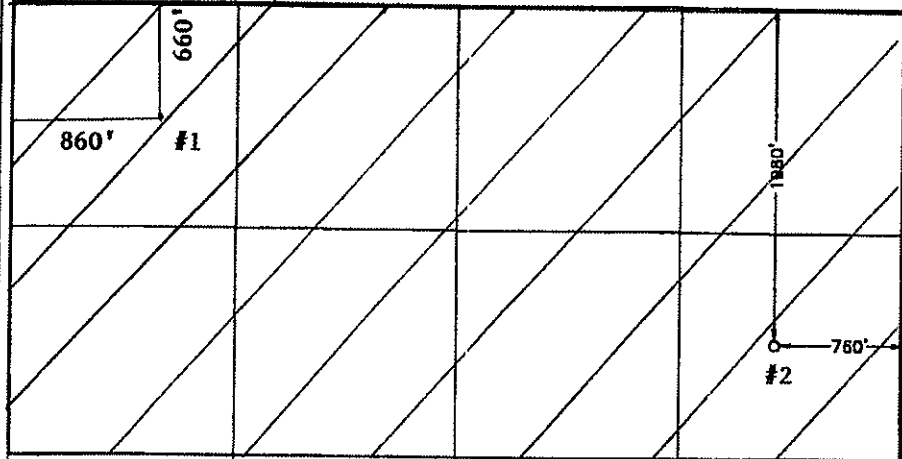

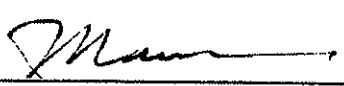
Surface Location

UL or Lot No. H	Section 36	Township 17 S	Range 27 E	Lot 1/4	Feet from the 1980	North/South line NORTH	Feet from the 760	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cathy Rowan Printed Name Sr. Engineering Tech. Title March 1, 2001 Date
	SURVEYOR CERTIFICATION <i>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 belief.</i> February 28, 2001 Date Surveyed Signature & Seal of Professional Surveyor  W.O. Num. 2001-0151-S Certificate No. WAGON McDONALD 12185

RECEIVED
OCD - ARTESIA

NEW MEXICO
12185
PROFESSIONAL SURVEYOR

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30 - 015 - 31123
⁴ Property Code 25858	⁵ Property Name No Bluff "36" State Com.	⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
64	36	17S	27E		1980	North	760	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat (Mississippian)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3634
¹⁶ Multiple N	¹⁷ Proposed Depth 10,050'	¹⁸ Formation Mississippian	¹⁹ Contractor UTI	²⁰ Spud Date 04/01/01 (est.)

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"		40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	8,000'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHMENT

NOTE: SL changed from 1980' FNL, 660' FEL to 1980' FNL, 760' FEL

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION 1300	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Sr. Engineering Technician		Approval Date: MAR - 8 2001	Expiration Date: MAR - 8 2002
Date: March 1, 2001	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 760' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3630' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

Yates	320'
7 Rivers	460'
Queen	1000'
Grayburg	1300'
San Andres 'D'	1784'
Glorieta	3160'
Wolfcamp	6470'
Strawn	8870'
Atoka	9430'
Morrow Lime	9544'
Morrow Clastics	9724'
Missippian	10,040'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	550 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	1900'	Lead:700 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,050'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-1900'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
1900'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10.050'	9.3-9.6	34-38	<15 cc	xanthan gum, starch

Blowout Prevention Program- Attachment to Form C-101

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.

30-015-31123

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location

Unit Letter H : 1980 feet from the N line and 760 feet from the E line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/19/01 thru 03/20/01

Set 20" conductor to 40'. Cmt to surf w/ready mix. Spud @ 9:00 CST on 03/19/01. Drl to 425'. Run 10 jts -13-3/8" 48#, H-40 csg to 425'. Cmt w/465 sx Class C + 2% S1 + 0.25 pps D29. Circ to surf. WOC 18 hrs. Tst csg. OK.

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

SIGNATURE Vonnie J. Cernin TITLE Drilling Technician DATE 03/21/01

Type or print name Vonnie J. Cernin Telephone No. 281-618-4739

(This space for State use) ORIGINAL SIGNED BY TIM W. GUM
DISTRICT IV SUPERVISOR

APPROVED BY TIM W. GUM TITLE DISTRICT IV SUPERVISOR DATE APR 25 2001

Conditions of approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:
No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location
Unit Letter H : 1980 feet from the N line and 760 feet from the E line
Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Completion <input checked="" type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

04/19/01 thru 04/28/01.

MI RU CU. Drl cmt. Tag TD. Corrected TD - 10,015'. Perf. L. Morrow from 9,927' - 9,964'. Swab. RD MO CU. WOPL.



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

SIGNATURE Cathy Rowan TITLE Sr. Engineering Technician DATE 05/21/01
Type or print name Cathy Rowan Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY Tim W. Gum TITLE District II Supervisor DATE JUL 05 2001

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:
No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032

4. Well Location
Unit Letter H : 1980 feet from the N line and 760 feet from the E line
Section 36 Township 17S Range 27E NMPM Eddy County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/21/01 thru 03/23/01

Drl to 2002'. Run 45 jts -8-5/8" 32#, J-55 csg to 2002'. Cmt lead w/500 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + 0.25 PPS D29. Cmt tail w/150 sx Class "C" + 2% S1 + 0.25 pps D29. Circ to surf. WOC 18 hrs. Tst csg. OK.

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

SIGNATURE Vonnie J. Cermin TITLE Drilling Technician DATE 03/27/01
Type or print name Vonnie J. Cermin Telephone No. 281-618-4739

(This space for State use)

APPROVED BY ORIGINAL SIGNED BY DISTRICT II SUPERVISOR TITLE DATE APR 25 2001
Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

450P

Form C-103
Revised March 25, 1999

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032

4. Well Location

Unit Letter H : 1980 feet from the N line and 760 feet from the E line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/23/01 thru 04/16/01

Drl to 10,050'. Log. Run SW Cores. Run 232 jts -5 1/2" 17#, N-80 csg to 10,050'. Cmt w/553 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + .1 PPS D130. Calc. TOC @ 7,350'. Release rig @ 2100 CST on 4/16/01. WOCU.



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

SIGNATURE

Cathy Rowan

TITLE Sr. Engineering Technician

DATE 05/21/01

Type or print name Cathy Rowan

Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY

TITLE

DATE JUL 05 2001

Conditions of approval, if any:

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-104
Revised March 25, 1999Submit to Appropriate District Office
5 Copies☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Southwestern Energy Production Company 2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032		² OGRID Number 14811
		³ Reason for Filing Code NW
⁴ API Number 30 - 015-31123	⁵ Pool Name Illinois Camp	⁶ Pool Code 78890
⁷ Property Code 25858	⁸ Property Name No Bluff State Com.	⁹ Well Number 2

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	36	17S	27E		1980	North	760	East	Eddy

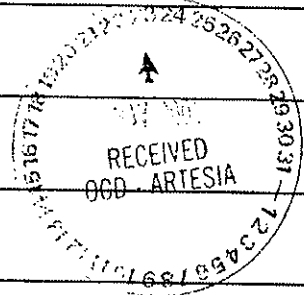
¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 5/17/01	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
36785	Duke Energy Field Services	2829076	G	



IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date 3/19/01	²⁶ Ready Date 4/28/01	²⁷ TD 10,050'	²⁸ PBD 10,015'	²⁹ Perforations 9,927' - 9,964'	³⁰ DHC, MC
³¹ Hole Size 17 1/2"	³² Casing & Tubing Size 13 3/8", 61#	³³ Depth Set 425'	³⁴ Sacks Cement 465		
12 1/4"	8 5/8", 32#	2,002'	650		
7 7/8"	5 1/2", 17#	10,050'	553		
	2 7/8" TBG	9,925'			

VI. Well Test Data

³⁵ Date New Oil n/a	³⁶ Gas Delivery Date 5/17/01	³⁷ Test Date 5/19/01	³⁸ Test Length 24 HRS	³⁹ Tbg. Pressure 4	⁴⁰ Csg. Pressure 0
⁴¹ Choke Size open	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 250 MCF	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules 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.

Signature:

Printed name: **Cathy Rowan**Title: **Sr. Engineering Technician**Date: **05/21/01**Phone: **(281) 618-4733**

OIL CONSERVATION DIVISION

Approved by:

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date:

JUL 05 2001⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Arrant, Bryan

From: Arrant, Bryan
Sent: Monday, July 15, 2002 1:37 PM
To: Jones, William V
Cc: Gum, Tim
Subject: RE: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Will,

I briefly looked into the area surrounding the Bluff 36 State Com. #2 well and I see that there is Abo production immediately to the south of this well.

The operator should have brought cement to cover the Abo. As you indicated with operators permitting Glorieta-Yeso wells in this area, possibly cement up through these formations also. Once you issue an order, we will take steps and have SW Energy perf and squeeze their production casing to meet OCD requirements. If you have other plans or concerns, please advise.

Bryan

-----Original Message-----

From: Jones, William V
Sent: Thursday, July 11, 2002 8:50 AM
To: Gum, Tim
Cc: Arrant, Bryan; Catanach, David
Subject: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Hello Tim:

I thought I would send an email with all the facts as I have found them:

This well was drilled and 5.5 inch set to 10050' (to the Mississippian) on 4/16/01. They only used 553 sx of cement and calc cement top at 7,350'. Many operators in this area to this depth have used 2 stage tools and cemented 2000 sacks total in 3 stages. I see OCD instructions in the file 5/3/2000 for the operator (Southwestern Energy Production Company) to "cover all oil, gas, and water bearing zones".

I think there are other productive zones. For instance, the Jeffers 36 St #003 (api: 30-015-31541) and other wells have been permitted to 4000' in this area with the Glorieta or SA as the objective. There is also some 500' shallow Yates production that is played out already.

The reason I found this:

I am looking at an SWD application from Mack Energy. They have drilled a new well and want to complete the Beech Federal #003 for SWD in the Abo at 5000'. The No Bluff 36 State Com #2 is in the Area of Review with cement top below the Abo.

Please let me know what action you will take on this - so I can determine how to proceed with Mack's application.

Regards,

Will Jones

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

5 Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-015-31123

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. Type of Completion:
NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐
WELL OVER ☐ DEEPEN ☐ BACK RESVR. ☐ OTHER _____

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location

Unit Letter H 1980 Feet From The N Line and 760 Feet From The E Line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Date Spudded 03/19/01 11. Date T.D. Reached 04/14/01 12. Date Compl. (Ready to Prod.) 04/28/01 13. Elevations (DF& RKB, RT, GR, etc.) 3,634' GR 14. Elev. Casinghead

15. Total Depth 10,050' 16. Plug Back T.D. 10,015' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 0 - 10,050' 19. Producing Interval(s), of this completion - Top, Bottom, Name 9,927' - 9,964' L Morrow 20. Was Directional Survey Made Yes 21. Type Electric and Other Logs Run Combo 21. Was Well Cored Yes

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#	425'	17 1/2"	465 sx	
8 5/8"	32#	2,002'	12 1/4"	650 sx	
5 1/2"	17#	10,050'	7 7/8"	553 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9,925'	9,869'

26. Perforation record (interval, size, and number)

9,927' - 9,964' 6 SPF, 37", 222 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 05/17/01 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Ratio
05/19/01	24	open		0	250	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
4			0	250	0		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. List Attachments
logs, inclinational survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Cathy Rowan Title Sr. Engineering Technician Date 05/21/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	8350	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	8881	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	9464	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	T.
T. Blinberry	T. Gr. Wash		T. Morrison	T.
T. Tubb	T. Delaware Sand		T. Todilto	T.
T. Drinkard	T. Bone Springs		T. Entrada	T.
T. Abo	T.		T. Wingate	T.
T. Wolfcamp	T.		T. Chinle	T.
T. Penn	T.		T. Permian	T.
T. Cisco (Bough C)	T.		T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
5000	5290	290	Dolomite				
5290	5310	20	No sample				
5310	5500	190	Dolomite w/tr of shale				
5500	5520	20	No sample				
5520	6730	1210	Dolomite w/tr of shale				
6730	7480	750	Dolomite w/tr of ls & shale				
7480	9140	1660	Dolomite w/ls, chert, & shale				
9140	10040	910	Dolomite w/tr of ss, sh ls				

Deviation surveys taken on Southwestern Energy Production Company's No
Bluff "36" State Com #2 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
190	1.00
302	.75
395	1.00
492	.75
765	.50
1042	.75
1319	.75
1645	.75
1845	.75
1950	1.00
2166	2.00
2256	1.50
2412	1.75
2597	1.75
2784	2.00
3084	2.00
3372	2.00
3591	2.00
3839	2.00
4119	2.00
4210	2.25
4303	2.75
4365	2.50
4521	3.00
4614	2.75
4707	2.50
4798	2.75
4891	3.00
4983	3.00
5133	2.75
5227	3.00
5414	3.00
5662	2.75
5822	3.00
6063	3.00
6249	3.00
6374	2.50
6469	2.75
6807	1.50
7240	2.00
7450	2.25
7741	2.25
7986	2.75
8140	2.00
8450	1.00
8849	1.50

9098	1.00
9501	.50
9870	1.75

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

John W. Norton
Patterson-UTI Drilling Co., LP, LLLP

Before me, the undersigned authority, on this day personally appeared John W. Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton
John W. Norton

SWORN AND SUBSCRIBED TO before me this 21st day of May 2001.



Pat Farrell
Notary Public in and for
Lubbock County, Texas.

C104AReport

Page 1 of 1

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 76583

Change of Operator**Previous Operator Information**

OGRID: 148111
Name: SOUTHWESTERN ENERGY
PRODUCTION COMPANY
Address: 2350 N. SAM HOUSTON PKWY E
Address: SUITE 300
City, State, Zip: HOUSTON, TX 77032

New Operator Information

Effective Date: 8/15/2008
OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 BAGBY STREET
Address: SUITE 4600
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: [Signature]
Printed Name: Jim Dewbre
Title: VP. LAND
Date: 10/29/08 Phone: 281-618-4711

New Operator

Signature: [Signature]
Printed Name: C. Tim Miller
Title: Vice President - Operations
Date: 10/28/08 Phone: 713-292-9514

NMOCD Approval

Electronic Signature: Paul Kautz, District 1
Electronic Signature: Jane Prouty, District 2
Date: October 29, 2008

ChangeOp Comments

OGRID: [148111] SOUTHWESTERN ENERGY PRODUCTION COMPANY
Permit Number: 76583
Permit Type: ChangeOp

Created By	Comment	Comment Date
DPHILLIPS	I show a bond in your Financial Assurance report that requires bonding - 30-015-31552. I cannot approve the change of operator until bonding for this well is received. Questions? Call me 478-3481.	10/9/2008
DMULL	The form C-145 that is attached is the wrong one. The Permit number that is required to be signed and attached should be 76583, and not 80182. Please send the correct, signed permit number 76583 and then resubmit. If you have questions on this matter, please call Donna Mull (575) 393-8161 ext 115.	10/23/2008

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
August 1, 2011
Permit 140504

Change of Operator

Previous Operator Information

OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 Bagby Street
Suite 4600
City, State, Zip: Houston, TX 77002

New Operator Information

Effective Date: Effective on the date of approval by the OCD
OGRID: 281994
Name: LRE OPERATING, LLC
Address: 1111 Bagby
Suite 4600
City, State, Zip: Houston, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, LRE OPERATING, LLC certifies that it has read and understands the following synopsis of applicable rules.

PREVIOUS OPERATOR certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells being transferred are either (1) in compliance with 19.15.17 NMAC, (2) have been closed pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply with Paragraphs 1 through 4 of 19.15.17.11(I) NMAC.

LRE OPERATING, LLC understands that the OCD's approval of this operator change:

1. constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells; and
2. constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, LRE OPERATING, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.

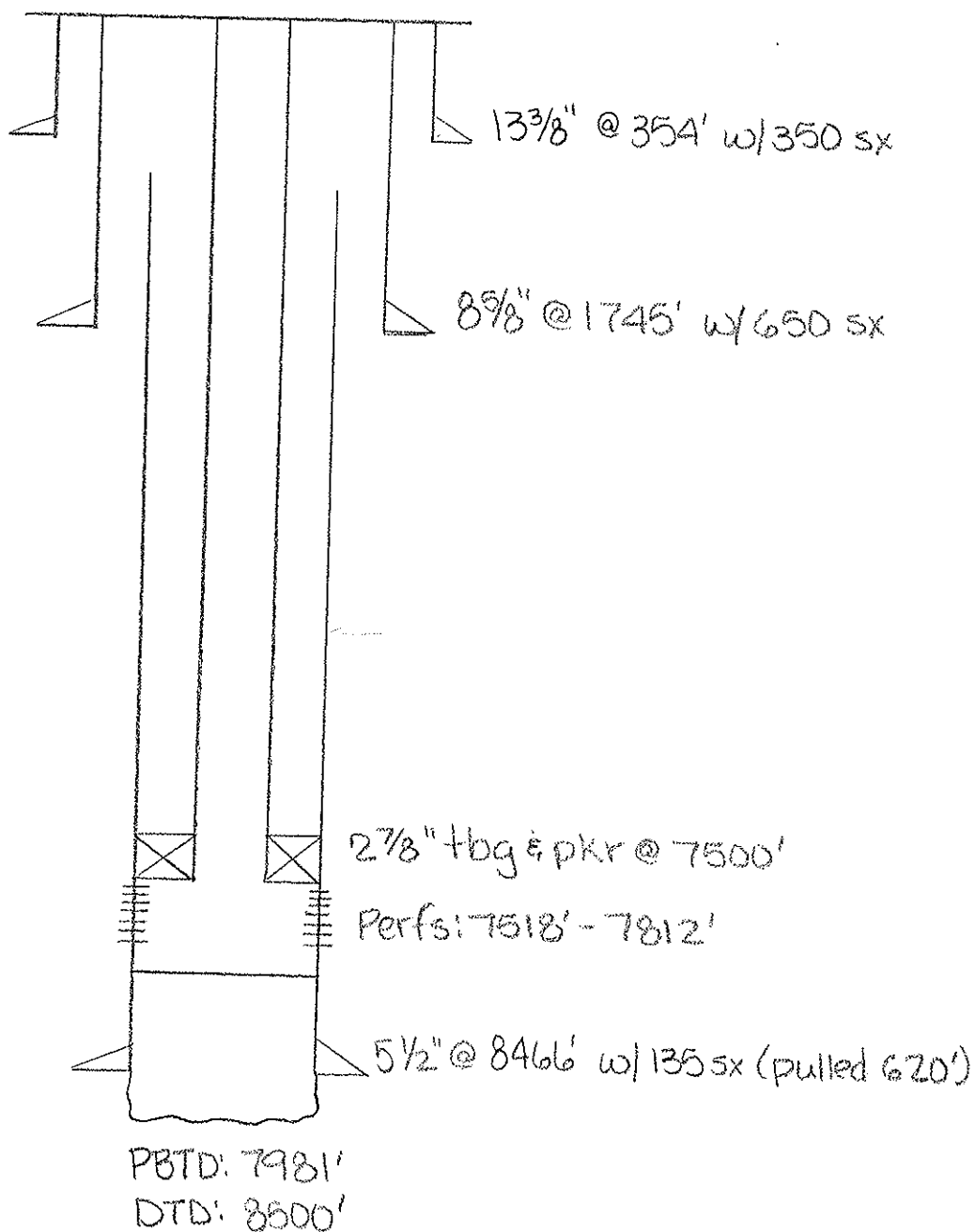
SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 76
Artificial Penetration Review

OPERATOR Walter Solt, LLC
LEASE Walter Solt State
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active - SWD
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-25522

REMARKS:



State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John H. Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-318-A
March 28, 2012

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of 19.15.26.8B NMAC, Walter Solt, LLC seeks an administrative order to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Walter Solt, LLC, is hereby authorized to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Wolfcamp formation through perforations from 7518 to 7812 feet through lined tubing and a packer set less than 100 feet above the permitted disposal interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

The wellhead injection pressure on the well shall be limited to **no more than 1504 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.


The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.


JAMI BAILEY
Director

JB/wvjj

cc: Oil Conservation Division – Artesia
State Land Office – Oil, Gas, and Minerals Division

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-141
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

SEP 21 2005

OCD-ARTEZIA

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

3/ 15-25522 Release Notification and Corrective Action

MLB0526429004

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company <i>I & W INC.</i>	Contact <i>Kevin Wilson</i>	
Address <i>P.O. BOX 98 hord Hills NM 88255</i>	Telephone No. <i>505-677-2111</i>	
Facility Name <i>Walter Solt State State #1</i>	Facility Type <i>SALT WATER DISPOSAL</i>	
Surface Owner <i>State NM</i>	Mineral Owner <i>State</i>	Lease No. <i>B3828</i>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>L</i>	<i>5</i>	<i>18s</i>	<i>28E</i>	<i>400'</i>	<i>S</i>	<i>2240</i>	<i>E</i>	<i>Eddy</i>

NATURE OF RELEASE

Type of Release <i>Produced Water</i>	Volume of Release <i>10 bbl/s</i>	Volume Recovered <i>10 bbl/s</i>
Source of Release <i>TANK Overflow</i>	Date and Hour of Occurrence <i>9/1/05 EARLY A.M.</i>	Date and Hour of Discovery <i>9/1/05 7:00am</i>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* <i>TANK Overflow. Installing overflow tank with alarm callout + shut off valves on incoming lines with head switches.</i>		
Describe Area Affected and Cleanup Action Taken.* <i>Inside berms which are fully lined with plastic. Remove contaminated material + Replace with NEW.</i>		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: <i>Kevin Wilson</i>	OIL CONSERVATION DIVISION	
Printed Name: <i>Kevin Wilson</i>	Approved by District Supervisor: <i>TIM GUM by MB</i>	
Title: <i>Operations Manager</i>	Approval Date: <i>9/21/05</i>	Expiration Date: <i>N/A</i>
Date: <i>9/16/05</i>	Phone: <i>505-677-2111</i>	Conditions of Approval:
Attached <input type="checkbox"/>		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL 17 2008
OCD-ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company	I+V INC.	Contact	KEVIN WILSON
Address	P.O. BOX 98 LDCO HILLS NM 88255	Telephone No.	575-677-2110 Office / 575-703-2041 cell
Facility Name	WALTER SOLT SWD	Facility Type	SWD
Surface Owner	State of NM	Mineral Owner	I+V
	30015 25522		Lease No. B 3828

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	5	18S	28E	400	South	2240	EAST	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	PRODUCED WATER	Volume of Release	5 BBLs	Volume Recovered	0 BBLs
Source of Release	UNLOADING AREA	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	UNKNOWN		
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					

Describe Cause of Problem and Remedial Action Taken.*

Numerous Trucks unloading on a daily basis.
Contacted companies that unload at facility + asked that they remind drivers on better housekeep

Describe Area Affected and Cleanup Action Taken.*

Unloading area approximately 25x50 around unloading valves. Picked up approximately 24 yards + hauled to CRT. Sprayed MICRO BLAZE over area + replaced caliche.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Kevin Wilson		OIL CONSERVATION DIVISION	
Printed Name: Kevin Wilson		Approved by District Supervisor: [Signature]	
Title: Operations Manager		Approval Date: 10-1-08	Expiration Date: N/A
E-mail Address:		Conditions of Approval: N/A	Attached <input type="checkbox"/> N/A
Date:	Phone:		

* Attach Additional Sheets If Necessary

I+W INC., IN AN EFFORT TO
better control AND monitor our
SWD, will be installing A CEMENT
lined UNLOADING AREA which will
include sumps AND A 24 HOUR
video surveillance system.

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-25522
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name WALTER Solt State
8. Well Number # 1
9. OGRID Number 283037
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD	
2. Name of Operator WALTER Solt LLC * 1 + W < 108266	
3. Address of Operator P.O. Box 70 Loco Hills NM 88255	
4. Well Location Unit Letter L : 2240 feet from the FSL line and 400 feet from the FWL line Section 5 Township 18S Range 28E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3644.4 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ALL INTENTIONS ARE TO GET THE WELL BACK INTO PRODUCTION. Rig up PULLING UNIT AND DRILL OUT CEMENT. TEST CASING AND MAKE SURE ITS GOOD, IF NOT WE WILL CONTINUE WORKING TO GET WELL IN COMPLIANCE, AT THAT POINT WE WILL RUN IN WITH PACKER AND PRODUCTION STRING. WE WILL CONTACT OCD TO WITNESS PRESSURE TEST.

Spud Date:

Rig Release Date:

RECEIVED

SEP 20 2011

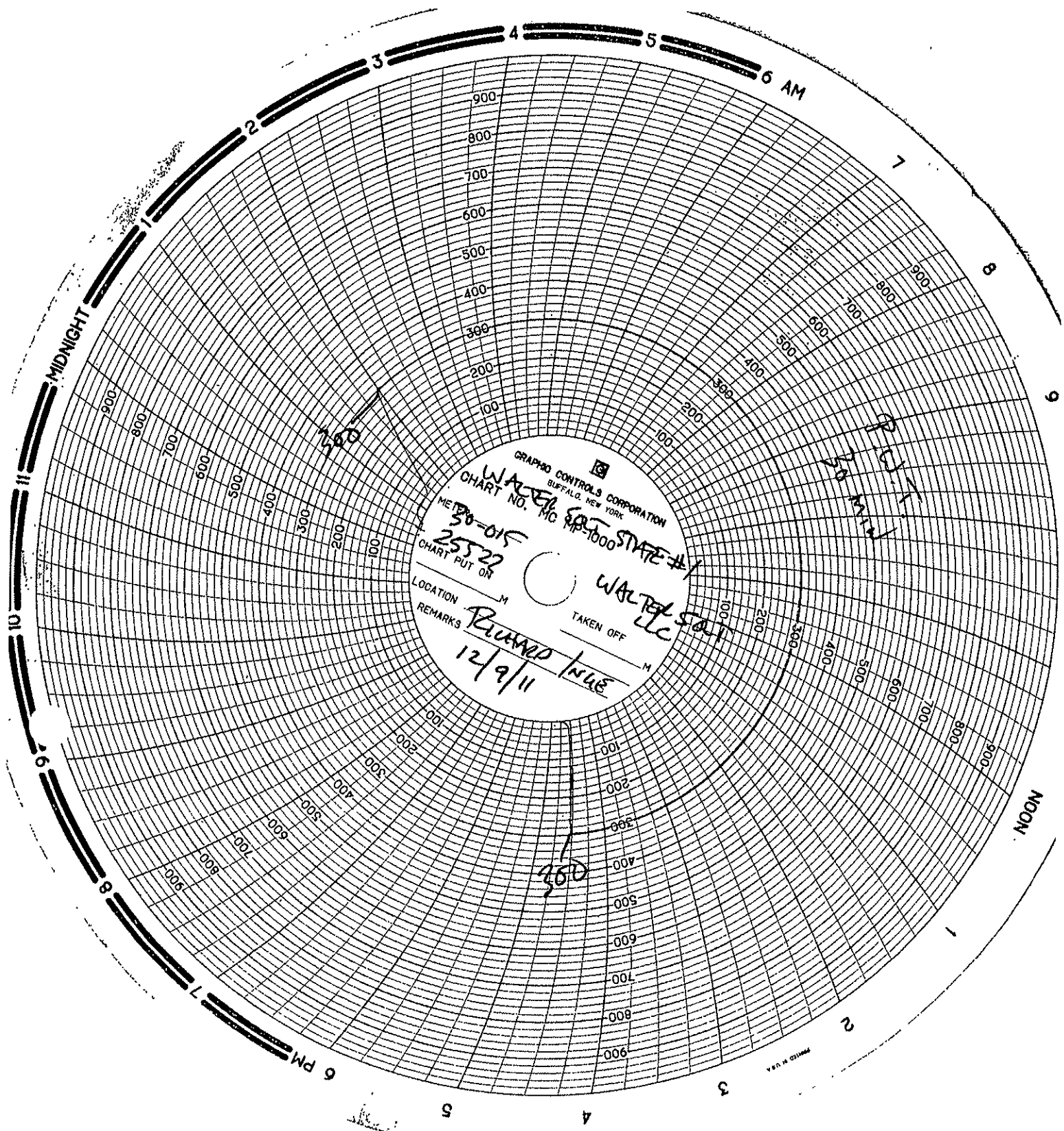
* **DENIED. SWD PERMIT HAS EXPIRED. RE-APPLY**

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

SIGNATURE **Kevin Wilson** TITLE **Operations Manager** DATE **9/20/2011**
or print name **Kevin Wilson** E-mail address: **rkwilson63@yahoo.com** PHONE: **(575) 703-2041**
State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
N.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATION	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
B-3823

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

Metex Pipe & Supply ☒

3. Address of Operator

P.O. Box 1037 Artesia, N.M. 88210

4. Location of Well

UNIT LETTER L LOCATED 400 FEET FROM THE WEST LINE
2240 SOUTH 5 18S 28E
AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Walter Solt State

9. Well No.

1

10. Field and Pool, or Wildcat

WILDCAT

12. County
EDDY

19. Proposed Depth
8500'

19A. Formation
Penn.

20. Rotary or C.T.
Rotary

11. Elevation (show whether D.F., N.T., etc.)
3644.4 GL

21A. Kind & Status Plug. Bond
one well

21B. Drilling Contractor
Hondo Rig #9

22. Approx. Date Work will start
Jan 10, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	54.5#	350'	250	circulated
12 1/4"	8 5/8"	24#	2250'	500 sx.	
7 7/8"	5 1/2"	17# J-55 N-80	8500'	800	4500'

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-3-86
UNLESS DRILLING UNDERWAY

BOP Diagram attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Mark B. Mundy Title Metex Pipe & Supply Date 12-23-85

(This space for State Original Signed By

Les A. Clements

APPROVED BY Supervisor District 11 TITLE DATE DEC 27 1985

CONDITIONS OF APPROVAL, IF ANY:

[illegible]

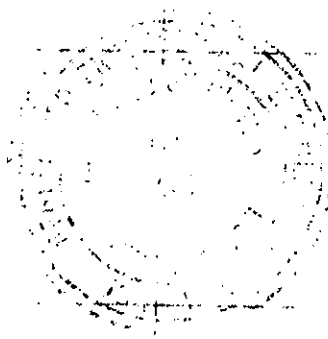
40-Acres

2. If more than one lease is dedicated to the subject well by colored pencil or ballpoint marks on the plat, then:
 - a. If a single lease is dedicated to the well, outline each and identify ownership thereof and its acreage interest and priority.
 - b. If more than one lease of different ownership is dedicated to the well, have the interests of all wells, acreage interests, ownership, and nature of pooling, etc.

Yes ☒ No ☐ If answer is "yes" type of consolidation

If power is to be put in the hands of the owners and tract descriptions which have actually been consolidated in the course of the history of the company.

Water will be assigned to the well until all interests have been consolidated by communitization or otherwise, or until a non-standard unit, eliminating such interests, has been approved by the Board.



turned here as to what the best of my knowledge and belief

Martin B. Muncy
d/b/a Metex Pipe & Supply

METEX PIPE & SUPPLY

12-23-85

herby certify that he well knows and shows that said was a sufficient cause of said sickness made by me under my supervision and that the same is true and correct to the best of my knowledge and belief.

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

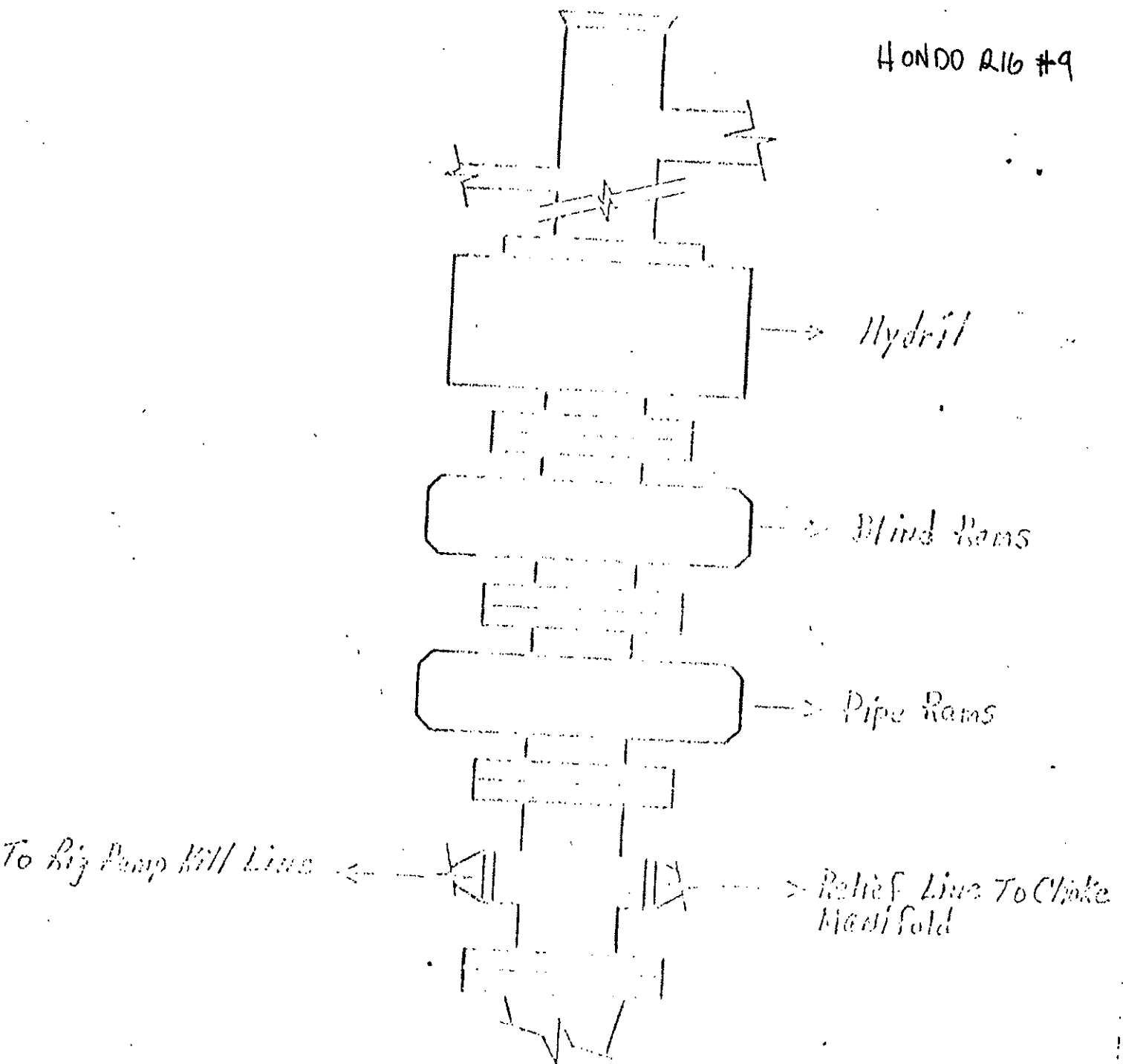
10-67-10

THE UNIVERSITY OF CHICAGO

Certificate N6

PCAA, E. S. S.

HONDO RIG #9



METEX PIPE & SUPPLY
WALTER SOLT ST. #1
55-T18S-R28E
UNIT L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

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OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
METEX PIPE AND SUPPLY

3. Address of Operator
POB 1037 ARTESIA, NM 88210

4. Location of Well
UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E N.M.P.M.

7. Unit Agreement Name
WALTER SOLT STAT

8. Farm or Lease Name

9. Well No. 1

10. Field and Pool, or Wildcat
WILDCAT - PENN

15. Elevation (Show whether DF, RT, GR, etc.)

3644.1' GL

12. County
EDDY

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PV ALTER CASING ☐
OTHER ☐

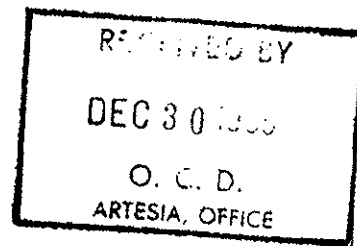
PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER BUILD LOCATION

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/30/85. BUILD LOCATION FOR HONDRO RIG #9



18. by certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Martin B. Munday TITLE d/b/a Metex PIPE, SUPPLY DATE 12/30/85

APPROVED BY DATE 12/31/1985

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-

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FILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OFFICE		
OPERATION	<input checked="" type="checkbox"/>	

3a. Indicate Type of Lease
State ☒ XXXX Fee ☐
5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Walter Scott State

9. Well No.

1

10. Field and Pool, or Whdeat

Wildcat - Penn.

Name of Operator

Metex Pipe & Supply ☒

Address of Operator

P.O. Box 1037 Artesia, N.M. 88210

Location of Well

UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM

THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E, N.M.P.M.

11. Elevation (Show whether DF, RT, GR, etc.)

3644.4

12. County

EDDY

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

ULL OR ALTER CASING ☐

OTHER ☒

CASING TEST AND CEMENT JOBS ☐

OTHER

run surface casing

1. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud well 3:00 p/m, Jan. 9, 1986 with Hondo, Rig #9.

Ran 11 joints 13 3/8" 54 lb. J-55 casing and set at 354'. Halliburton cemented with 350 sacks class "C" cement with 2% CaCl. Circulated 45 sacks to pit. Plug down at 5:30 a/m on January 10, 1986.

WOC for 12 hours, drilled out 2 ft. past shoe and tested BOP to 500 PSI and held pressure for 30 minutes. Presently drilling 11" hole with full returns.

RECEIVED BY

JAN 16 1986

O. C. D.

ARTESIA OFFICE

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

SIGNED

d/b/a

TITLE Metex Pipe & Supply

DATE Jan. 10, 1986

Original Signed By

Les A. Clements

TITLE

Supervisor District II

DATE

JAN 23 1986

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-77

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Metex Pipe and Supply

Address of Operator
P.O. Box 1037 Artesia, N.M. 88210

Location of Well
UNIT LETTER L 400 FEET FROM THE west LINE AND 2240 FEET FROM south 5 TOWNSHIP 18S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3644.4 GL

5a. Indicate Type of Lease

State ☒ Fed ☐

5. State Oil & Gas Lease No.
B-3823

7. Unit Agreement Name

8. Farm or Lease Name
Walter Solt State

9. Well No.
1

10. Field and Pool, or Wildcat
WILDCAT Penn.

12. County
Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
L OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER run intermediate casing ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Ran 42 jt. 8 5/8", 24 lb., J-55 casing to 1745'. Cemented with 400 sacks Halco Lite with 2# salt and 1/4# Flowseal and 250 sacks class "C" with 2% CaCl. Circulated 100 sacks to pit. Plug down at 4:00 p/m, Jan. 12, 1986.

WOC for 12 hrs. drilled out 2' past shoe and tested BOP to 1000 psi and held for thirty minutes. Presently drilling 7 7/8" hole with full returns.

RECEIVED BY

JAN 16 1986

O. C. D.

ARTESIA, OFFICE

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

Signature: [Signature] d/b/a Metex Pipe & Supply
TITLE

DATE 1-13-86

Original Signed By
Les A. Clements

Supervisor District 11

DATE JAN 23 1986

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

FEB 27 1986

ARTESIA, OFFICE

Form C-103
Revised 10-1

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OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒GAS WELL ☐

OTHER-

7. Unit Agreement Name

8. Farm or Lease Name

WALTER SOLT STATE

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat Penn.

UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM
THE South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3644.4'

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐CHANGE PLANS ☐REMEDIAL WORK ☐COMMENCE DRILLING OPS. ☐CASING ~~WORK~~ AND CEMENT JOBS ☒OTHER DST's, Logs & TD

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any propos. work) SEE RULE 1103.

DST #1 6678-6822'

DST #1 7035-7090'

Results to be submitted with completion report

2-16-85: Driller's TD=8500' Loggers TD=8484'

Ran Open-Hole Logs: GR/CNLD & DLL/MSFL

Ran 5 1/2" 17# LTC(N-80/J-K-55) Casing to 8466' KB with float shoe @ 8466' & Insert float @ 8424'. Cemented with 135-Sxs Howco "H" + .7-1% Halad-9. Bumped Plug to 4500#-Held-OK. Howco FULL-OPENING CEMENTER SET @ 7785'.

2-25-85: Cleaned Location & Set Dead-Men

2-26-86: Ran Cement Bond Log and found good cement from PBDT 8398' to 7961'

Present operation is waiting on completion unit

PBDT= 8398'KB

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

SIGNED CAB Mummy TITLE d/b/a METEX PIPE & SUPPLYDATE 2-28-86Original Signed By
Mike Williams

Oil & Gas Inspector

DATE FEB 28 1986APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLFCAMP

NET PAY (ft): 22.0

GROSS TESTED FOOTAGE: 144.0

ALL DEPTHS MEASURED FROM: 10' K.B.

CASING PERFS. (ft):

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3644.4 GROUND LEVEL

TOTAL DEPTH (ft): 5822.0

PACKER DEPTH(S): 6672, 6678

FINAL SURFACE CHOK (in):

BOTTOM HOLE CHOK (in): 0.750

MUD WEIGHT (lb/gal): 8.80

MUD VISCOSITY (sec): 2

ESTIMATED HOLE TEMP. (°F):

ACTUAL HOLE TEMP. (°F): 110 @ 6818.0 ft

TICKET NUMBER: 22834600

DATE: 2-4-86 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
ARTESIA

TESTER: R. PEPPERS

WITNESS: MUNCY

DRILLING CONTRACTOR:

HONDO DRILLING COMPANY #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

EARTH PILLS 0.139 @ 70 °F 33000 ppm

SAMPLER 0.146 @ 70 °F 31000 ppm

TOP RECOVERY 0.146 @ 70 °F 31000 ppm

MIDDLE RECOVERY 0.150 @ 70 °F 30000 ppm

TOP OF TOOLS 0.150 @ 70 °F 30000 ppm

@ °F ppm

SAMPLER DATA

Psig AT SURFACE: 35.0

cu.ft. OF GAS: 0.295

cc OF OIL:

cc OF WATER: 550.0 SULPHUR

cc OF MUD:

TOTAL LIQUID cc: 550.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F

GAS/OIL RATIO (cu.ft. per bbl):

GAS GRAVITY:

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

497' OF GAS CUT FORMATION (SULPHUR) WATER

MEASURED FROM
TESTER VALVE

REMARKS:

6" POSITIVE CHOKE

[illegible]

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLF CAMP
 NET PAY (ft): 4.0
 GROSS TESTED FOOTAGE: 55.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 3644.4 GROUND LEVEL
 TOTAL DEPTH (ft): 7090.0
 PACKER DEPTH(S) (ft): 7029, 7035
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 8.90
 MUD VISCOSITY (sec): 31
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 114 @ 7086.0 ft

TICKET NUMBER: 22808600

DATE: 2-6-86 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: ARTESIA

TESTER: SIAM MC KEE

WITNESS: MUNCY

DRILLING CONTRACTOR: HONDO DRILLING RIG #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>0.096 @ 70 °F</u>	<u>53000 ppm</u>
SAMPLER	<u>0.280 @ 70 °F</u>	<u>16000 ppm</u>
TOP RECOVERY	<u>0.100 @ 70 °F</u>	<u>49000 ppm</u>
MIDDLE RECOVERY	<u>0.096 @ 70 °F</u>	<u>53000 ppm</u>
BOTTOM RECOVERY	<u>0.220 @ 70 °F</u>	<u>19000 ppm</u>
	<u>@ °F</u>	<u>ppm</u>

SAMPLER DATA

Pstg AT SURFACE: 230.0
 cu.ft. OF GAS: 0.271
 cc OF OIL: 50.0
 cc OF WATER: 2300.0
 cc OF MUD: _____
 TOTAL LIQUID cc: 2350.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): 860
 GAS GRAVITY: _____

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

90 FEET OF OIL CUT SULPHUR WATER
 919 FEET OF SULPHUR WATER

MEASURED FROM
TESTER VALVE

REMARKS:

NO GAS TO SURFACE DURING TEST.

CHARTS INDICATE THE POSSIBLE EXISTENCE OF MORE THAN ONE ZONE WITHIN THE TESTED INTERVAL.

OIL CONSERVATION DIVISION

RECEIVED BY BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10

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OPERATOR	<input checked="" type="checkbox"/>

APR 8 1986

O. C. D.

ARTESIA OFFICE

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee
5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Metex Pipe & Supply	8. Farm or Lease Name Walter Solt State
3. Address of Operator PO Box 1037 Artesia, NM 88210	9. Well No. 1
4. Location of Well UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Wildcat Penn.
15. Elevation (Show whether DF, RT, GR, etc.) 3644.4' GL	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proj work) SEE RULE 1103.

*Results of DST #1(6678-6822') & DST #2(7035-7090') are attached with this report.

*The Drilling Inclination Record is attached with this report.

*The 2-26-86, Schlumberger CNL-CET Logs are attached with this report.

*The 3-22-86, Wellex CBL is attached with this report.

3-13-86/3-17-86: Perf Cisco Lime with 10-0.41" Holes(8214, 16, 17, 18, 20, 30, 32, 33, 34, 36')
Treat with 2000-Gal 20% NeFe Acid, 1000 SCF N₂/BBL and balls. Flowed and swe approx. 20-bbls. over load with slight show oil and approx. 30-MCFD gas.
Set CIBP at 8200' with 35' "H" Cement-Tested to 3000#-OK-PBTD=8163'.

3-18-86: Perf 2-Cmt. squeeze holes at 7870' & set cmt. sq. ret. at 7860'

3-19-86: Squeeze with 110-sxs "H" with 3# NaCl/Sk.

3-22-86: Ran Wellex CBL(submitted with this report) & found PBTD=7842' with no cmt. behind 5 1/2"

4-15-86: Plan to change operator
PBTD=7842'

NOTE: New operator will submit Open-Hole Logs

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

Original Signed By Les A. Clements	TITLE d/b/a METEX PIPE & SUPPLY	DATE 4-15-86
APPROVED BY Supervisor District 11	TITLE	DATE APR 23 1986
CONDITIONS OF APPROVAL, IF ANY:		

RECEIVED BY

JUN 10 1986

O. C. D.
ARTESIA, OFFICESTATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

NO. OF COPIES DESIRED	
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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-104
Revised 10-01-78
Format 08-01-83
Page 1REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator FROSTMAN OIL CORPORATION ✓

Address P.O. DRAWER W, ARTESIA, NM 88210

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) CHANGE OF OPERATOR
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner Metex Pipe & Supply, P. O. Box 1037, Artesia, NM 88210

II. DESCRIPTION OF WELL AND LEASE

Lessee Name <u>Walter Solt State</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Wildcat Penn</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>B-3823</u>
Unit Letter <u>L</u> : <u>400</u> Feet From The <u>West</u> Line and <u>2240</u> Feet From The <u>South</u> Line of Section <u>5</u> Township <u>18 South</u> Range <u>28 East</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>Post 10-3</u> <u>6-13-86</u> <u>Chg. ap</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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 is true and complete to the best of my knowledge and belief.

FROSTMAN OIL CORPORATION

by: Rance Forster

(Signature)

Rance Forster, President

(Title)

June 9, 1986

(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 10 1986, 19 _____BY Original Signed ByLes A. ClementsTITLE Supervisor District II

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

If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate 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.

NO. OF COPIES RECEIVED	
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PER. FOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

RECEIVED BY

JAN 21 1987

O. C. D.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR NOTICES TO ABANDON OR TO RE-ENTER A WELL OR TO A DIFFERENT RESERVOIR.
USE APPROPRIATE FORMS FOR SUCH PURPOSES.

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	B-3823

OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
-----------------------------------	-----------------------------------	--------------------------------

Name of Operator

Frostman Oil Corporation ☒

Address of Operator

P. O. Drawer W, Artesia, NM 88210

Location of Well

UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM

THE South LINE, SECTION 5 TOWNSHIP 18 S RANGE 28E NMPM.

15. Elevation (Show whether DP, RT, GR, etc.)

7. Unit Agreement Date

8. Form or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

Wildcat Penn

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER <input type="checkbox"/>	

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1109.

6/23/86: Shot off casing at 7846' with jet shot. Pulled casing out of hole.

6/25/86: Installed Halliburton packer shoe on bottom & Lynes casing formation packer 157' above bottom casing. Ran casing back to T.D. Packer shoe at 7832, Lynes packer at 7690. Dropped ball, loaded casing, broke circulation. Cemented with 100 Sxs of Class H Cement. Pumped plug down. Pressured casing to 3250'. Plug down 5:30 p.m. 6/25/86.

6/30/86: Ran bond log top of cement at 7400'. Perforated 7778' - 7787' (10 holes) acidized with 1000 gals of 15% acid. Swabbing all water.

7/2/86 : Perforated 7810'-7812' (1 shot per foot). Swabbed with packer at 7794' - all water.

7/3/86 : Perforated 7742' - 7756' (15 holes) Set bridge plug at 7768', packer at 7685', acidized with 1000 gal. 15% acid. Swabbed - all water.

7/9/86 : Perforated 7518' to 7534' (16 ft. - 17 holes). Acidized with 1000 gals. 15% acid. Swabbed - all water.

Set bridge plug at 7490', pulled tubing and shut in well.

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

FROSTMAN OIL CORPORATION

Original Signed By
Leslie A. Clements
Supervisor District #

TITLE Clarence Forister, President

DATE 1/20/87

JAN 27 1987

APPROVED BY
DIVISIONS OF APPROVAL, IF ANY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. 1		IS RECEIVED	
DISTRIBUTION			
INTAKE			
LE			
S.O.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
REGISTRATION OFFICE			

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

AUG 24 '88

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. & W, Inc.

P. O. Box 98 , Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)

- ☐ New Well
☐ Recompletion
☐ Change in Ownership
- Change in Transporter of:
☐ Oil
☐ Casinghead Gas
☐ Dry Gas
☐ Condensate

Other (Please explain)

Change of ownership give name

Address of previous owner Frostman Oil Company, P. O. Drawer "W", Artesia, New Mexico 88210

DESCRIPTION OF WELL AND LEASE

Well Name Walter Solt State	Well No. 1	Pool Name, including Formation Wolfcamp	Kind of Lease State, Federal or Fee State	Lease No. SWD-130
--------------------------------	---------------	--	--	----------------------

Location

U. S. Section "1" : 2240' Feet From The FSL Line and 400' Feet From The FWL
Line of Section 5 Township 18-S Range 28-E, NMPM, Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Well produces oil or liquids, live location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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 is true and complete to the best of my knowledge and belief.

Peggy L. Bell
(Signature)

Office Manager
(Title)

8-23-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988

BY Original Signed By

TITLE Mike Williams

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

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviat 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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2008
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

JUL 26 '88

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
SWD-130	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Disposal Well		7. Unit Agreement Name
2. Name of Operator		Walter Solt State No.
I. & W, Inc. <input checked="" type="checkbox"/>		8. Farm or Lease Name
3. Address of Operator		Solt #1
P. O. Box 98, Loco Hills, New Mexico 88255		9. Well No.
4. Location of Well		1
UNIT LETTER "L" 2240' FEET FROM FSL ONE AND 40 FEET FROM		10. Field and Pool, or Wildcat
THE FWL LINE, SECTION 5 TO HIP 18-S RANGE 28-E NMPM.		Wolfcamp
15. Elevation: (how whether D. T, GR, etc.)		12. County
3644.4' r.		Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIATION WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
HER <input type="checkbox"/>		OTHER run tubing, acidizing	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2-8-88 Run tbq. hit fill at 7468', circulate to 7830', pump packer fluid.
2-9-88 set packer at 7457', pump treatment of 500 gal. zeloline, 5000 Gal. 15% NE Acid.
Test to 500# W/ state man on location, held for 30 min.
Shut in waiting on battery to be build.

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

Signed Peggy L. Bell TITLE Office Mgr. DATE 7-23-88

APPROVED BY Mike Williams TITLE DATE DEC 6 1988

CONDITIONS OF APPROVAL, IF ANY:

FIELD _____ COUNTY _____ ady, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
CASE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
6114	4 1/4
6207	4 3/4
6229	4 3/4
6274	4 3/4
6305	4 3/4
6367	4 3/4
6427	4 1/2
6461	4 1/2
6524	4
6587	3 1/4
6648	3 1/4
6772	3
6936	2 1/2
7095	2
7485	1 1/4
7975	1 1/4
8500	1 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas
Margaret B. Anderson

FIELD _____ COUNTY Eddy, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
SE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
354	3/4
667	3/4
1001	3/4
1406	3/4
1685	3/4
2068	1 1/2
2690	1 1/4
2970	3/4
3610	1
3905	1 1/4
4155	1
4341	1
4478	3/4
4621	1
4746	1 1/2
4965	1 3/4
5158	1 3/4
5246	1 3/4
5340	2
5434	2 1/4
5519	2 1/2
5623	2 3/4
5717	3 1/2
5780	4
5843	4 1/2
5897	4 1/2
5958	4 3/4
5977	4 1/2
5990	4 1/4
6052	4 3/4
6083	4 3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CO.	NO. RECEIVED	
DISTRIBUTION		
SANTA FE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
U.S.G.A.		
LAND OFFICE		
TRANSPORTER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRODUCTION OFFICE		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator
I. & W, Inc.

Address
P. O. Box 98, Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership		

Change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Walter Solt State	1	Wolfcamp	State, Federal or Fee State	SWD-130
Location				
after "L" : 2240' Feet From The South Line and 400' Feet From The West				
Line of Section 5	Township 18-S	Range 28-E	NMPM,	Eddy
				County

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Navajo Trucking	P. O. Box 159, Artesia, New Mexico 88210					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 5	Twp. 19-S	Rge. 28-E	Is gas actually connected?	When 12-9-88

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

Mike Butts
(Signature)
Manager
(Title)
10-27-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988, 19
BY Original Signed By
Mike Williams
TITLE

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 deviator 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 owner, 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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	✓
FM	✓
CL	✓
LA. OFFICE	✓
OPERATOR	

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
SWD-130

TYPE OF WELL	Salt Water Disposal	OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	
TYPE OF COMPLETION	NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>

RECEIVED

AUG 24 '88

Name of Operator	I. & W, Inc.
Address of Operator	P. O. Box 98, Loco Hills, New Mexico 88255
Location of Well	

7. Unit Agreement Name
8. Term or Lease Name
Walter Solt State #1
9. Well No.
1
10. Field and Pool, or Wildcat
Wolfcamp

BY LETTER	L	LOCATED	400	FEET FROM THE	West	LINE AND	2240	FEET FROM
-----------	---	---------	-----	---------------	------	----------	------	-----------

12. County
Eddy

1. Date Spudded	5-28-83	16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	8-12-83	18. Elevations (DT, KKB, RT, GR, etc.)	3644.4' Gr.	19. Elev. Casinghead	3654.4' KB
2. Total Depth	8500	21. Plug Back T.D.	7981'	22. If Multiple Compl., How Many		23. Intervals Drilled By	X	Rotary Tools	Cable Tools
3. Producing Interval(s), of this completion - Top, Bottom, Name									25. Was Directional Survey Made
									No

4. Type Electric and Other Logs Run	Micro-seismogram	27. Was Well Cored	No
-------------------------------------	------------------	--------------------	----

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	354'	17-1/2"	350 Sacks	
8 5/8"	24#	1745'	11"	650 "	
5 1/2"	17# N-80	8466'	7 7/8"	135 "	620'

LINER RECORD 7500'					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
2-7/8" O. D.		7500			2-7/8"	7500"	7500'

1. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Perfs 16 holes 7518'-7534'	DEPTH INTERVAL
Perfs 10 holes 7632'-7642'	AMOUNT AND KIND MATERIAL USED
Perfs 14 holes 7742'-7756'	5000 Gallons of Acid
Perfs 10 holes 7778'-7787'	
Perfs 3 holes 7810'-7812'	

PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
14. Disposition of Gas (Sold, used for fuel, vented, etc.)							Test Witnessed by

15. Attachments

16. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED	Gregory L. Bell	TITLE	Office Manager	DATE	8-23-88
--------	-----------------	-------	----------------	------	---------

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
P.O. Box 100, Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JUN 4 1991

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER SWD

2. Name of Operator

I & W, Inc.

3. Address of Operator

P.O. Box 98 Loco Hills, NM 88255

4. Well Location

Unit Letter L : 400 Feet From The West Line and 2240 Feet From The South L

Section 5 Township 18S Range 28E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3644.4 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Cement Squeeze: 5/3/91 to 5/9/91

1. Found hole in casing @ 7390'
2. Squeezed w/25 sks. premium plus w/2% CaCl₂ @ 14.8#/gal and 250 sks. neat @ 14.8#/gal.
3. Found cmt. top @ 6250' by temp. survey.
4. Drilled out cement & tested squeeze to 400# for 30 min. No pressure loss.
5. Ran back pkr. & tbg. & set @ 7457'. Tested backside to 300# for 30 min. No pressure loss. Well put back in operation.

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

SIGNATURE Michael R. Butts TITLE General Manager DATE 6/3/91

TYPE OR PRINT NAME Michael R. Butts TELEPHONE NO. 746-42

(Leave space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

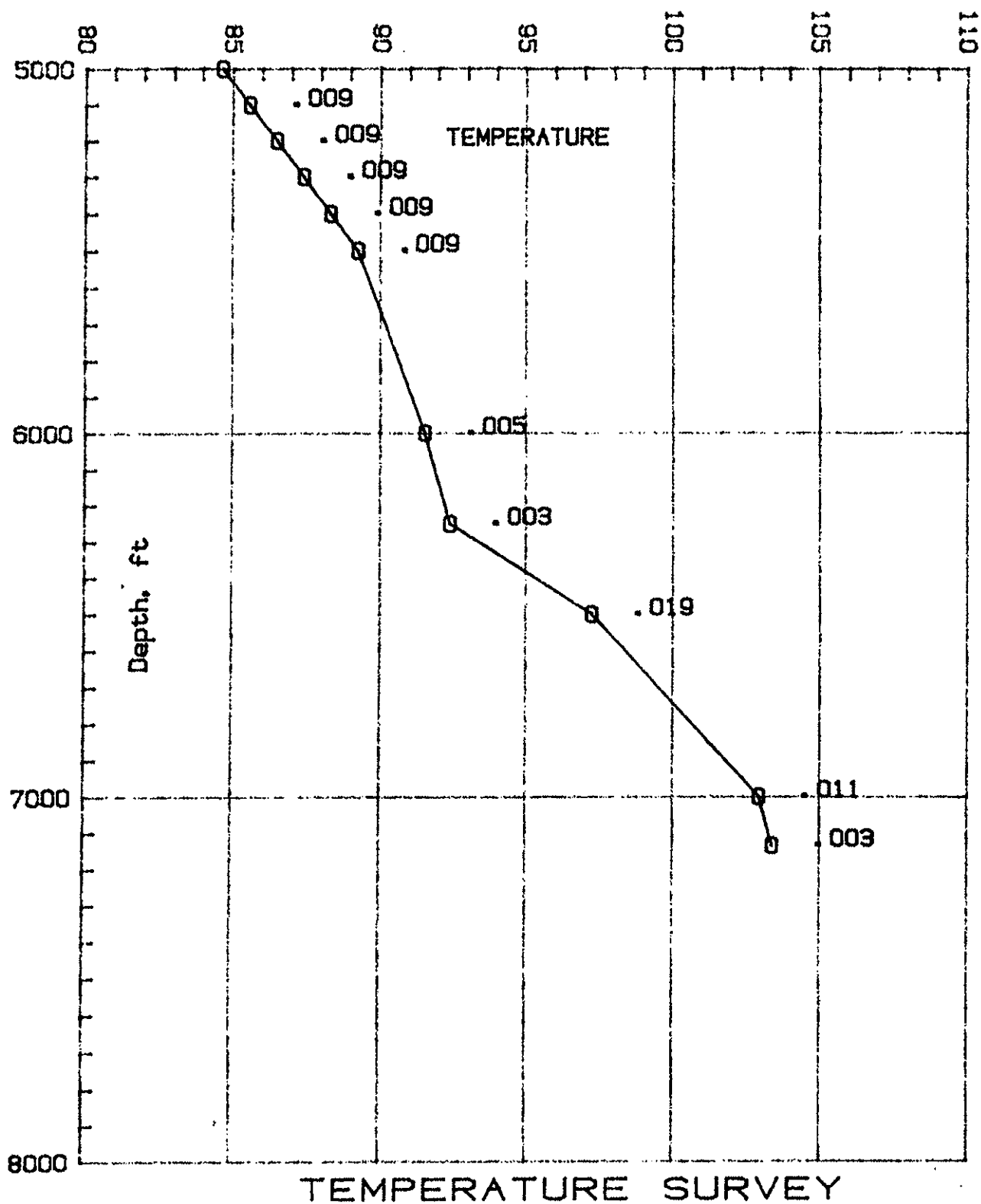
SUPERVISOR, DISTRICT II

APPROVED BY _____ DATE JUN 5 1991

CONDITIONS OF APPROVAL, IF ANY:

DEPTH ft	dDEPTH ft	TEMP °F	dTEMP °F	GRADIENT °F /ft
5000		84.6		
5100	100	85.6	.9	.009
5200	100	86.5	.9	.009
5300	100	87.4	.9	.009
5400	100	88.3	.9	.009
5500	100	89.2	.9	.009
6000	500	91.5	2.3	.005
6250	250	92.4	.9	.003
6500	250	97.2	4.8	.019
7000	500	103.0	5.7	.011
7134	134	103.4	.4	.003

CEMENT TOP @ 6250 ft.



I & W INC.

Field : EMPIRE ABO

Well # 1

Lease : WALTER SOLT SWD

County : EDDY

State : N. M.

Date of Run : 5/ 6/91

Gauge # 494

Run by : RAMON

5-18-28

RECEIVED

MAY 1991

O. C. O.

ARTESIA

✓
DENNETT-CATHEY

TEMPERATURE
SURVEY
REPORT

FOR:
I & W INC.
5/ 6/91

WELL INFORMATION :

LEASE :WALTER SOLT SWD
LOCATION :N/A
COUNTY :EDDY

WELL # 1

FIELD :EMPIRE ABO

FILE # IWWS1
STATE :N.M.

ELEVATION : 0.00

ZERO POINT :O.L.

TUBING SIZE :0

DEPTH : 0.0

CASING SIZE :0

DEPTH : 0.0

PACKER TYPE :0

@ 0.00 feet

PERFORATED 0.0 to

0.0 feet

TOTAL DEPTH : 7134.0

TEST INFORMATION :

WELL CONDITION :SQUEEZE

WELL TYPE :DISPOSAL

SURFACE TUBING PRESSURE 0 psig by N/A

SURFACE CASING PRESSURE 0 psig by N/A

BOTTOM HOLE TEMPERATURE 0 deg. F. at 7134.0 feet

BOTTOM HOLE PRESSURE 103.4 psig at 7134.0 feet

INSTRUMENT TYPE : KELTNER

NUMBER : 494

RUN BY : RAMON

C WIRELINE dba BENNETT-CATHEY,P.O.BOX 787 ARTESIA,NM 88210

IT IS THEREFORE ORDERED: **SWD-318** **5/24/87**

1207# P01

7508
113-911-60
212
1410

That the applicant herein, I & W Inc. is hereby authorized to complete its Walter Solt State Well No. 1, located in Unit L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Wolfcamp formation at approximately 7518 feet to approximately 7812 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 6000 feet.

1-21-87

Acoustic Cement Bond-

6000 - 7816

Comp Neutron. - LD

5000 - 8483

~~DL MSFL~~

0 - 8481

Electromagnetic Prop.

5000 - 8456

4-21-86

Micro Seismogram

Log Cased Hole

7300 - 7842

Cement Bond Log Variable Density

7690 - 8393

Cement Evaluation Log.

7900 - 8398

Change of Operator

LN

Information

New Operator Information

Effective Date: Effective on the date of a

56

OGRID: 283037

W INC

Name: WALTER SOLT, LLC

BOX 98

Address: PO Box 70

LOCO HILLS, NM 88255

City, State, Zip: Loco Hills, NM 88255

The rules of the Oil Conservation Division have been complied with a
form and the certified list of wells is true to the best of my knowledge

ing below, WALTER SOLT, LLC certifies that it has read and unders
e rules.

TOR certifies that all below-grade tanks constructed and installed pi
selected wells being transferred are either (1) in compliance with 19
rsuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply
7.11(I) NMAC.

2 understands that the OCD's approval of this operator change:

pr val of the transfer of the permit for any permitted pit, below-grade
associated with the selected wells; and

proval of the transfer of any below-grade tanks constructed and ins

As the operator of record of wells in New Mexico, WALTER SOLT, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.
9. I am responsible for providing the OCD with my current address of record and emergency contact

information, and I am responsible for updating that information when it changes. See 19.15.9.8.C NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."

10. If I transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See 19.15.9.9.B NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.

Previous Operator

Signature: Bayless E. Irby
Printed Name: Bayless E. Irby
Title: Vice President
Date: 10-12-11 Phone: 746-6915

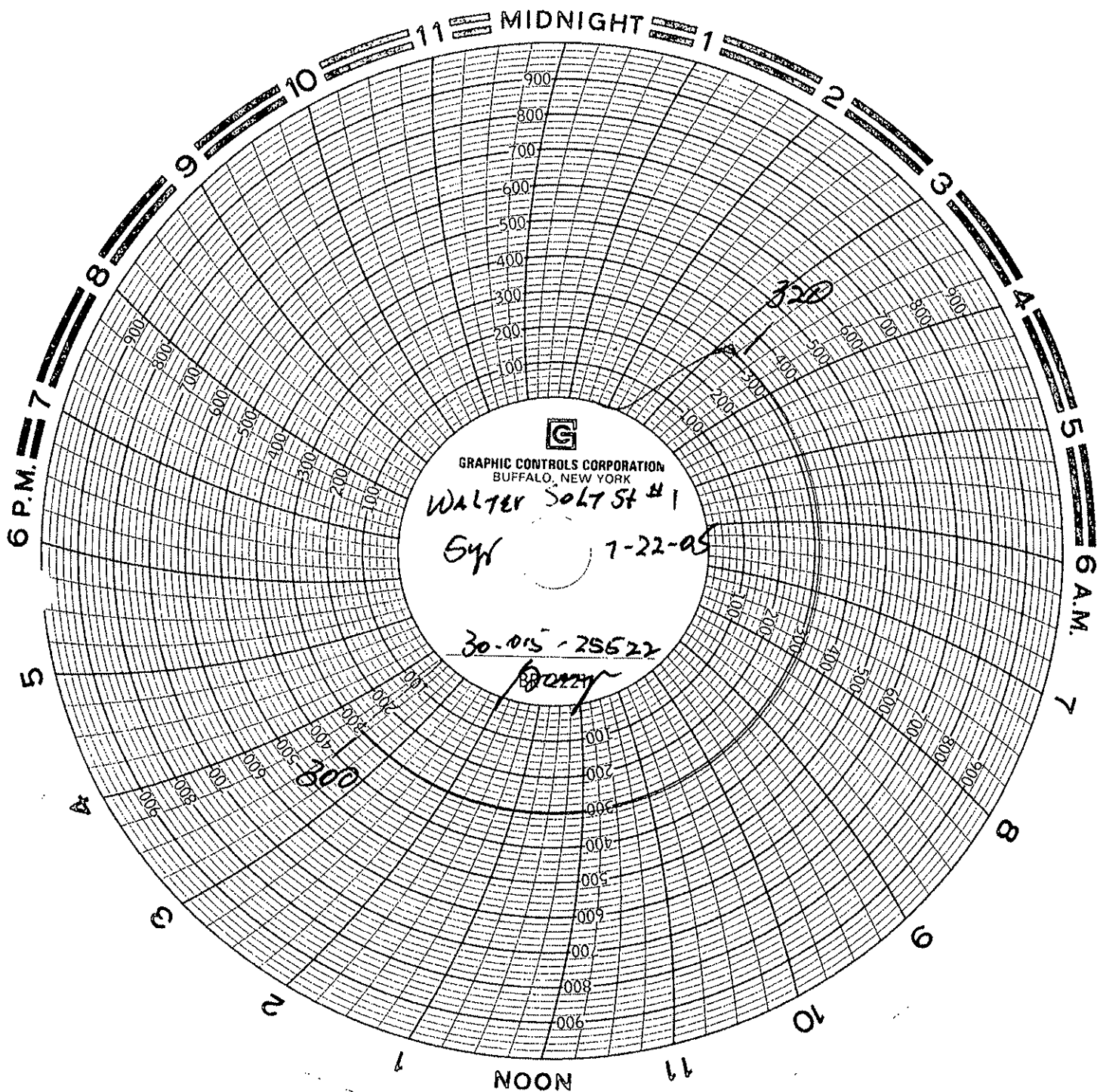
New Operator

Signature: Daryl Savage
Printed Name: Daryl Savage
Title: Partner
Date: 10/12/11 Phone: 575-746-6681

NMOCD Approval

Electronic Signature: Randy Dade, District 2

Date: October 12, 2011

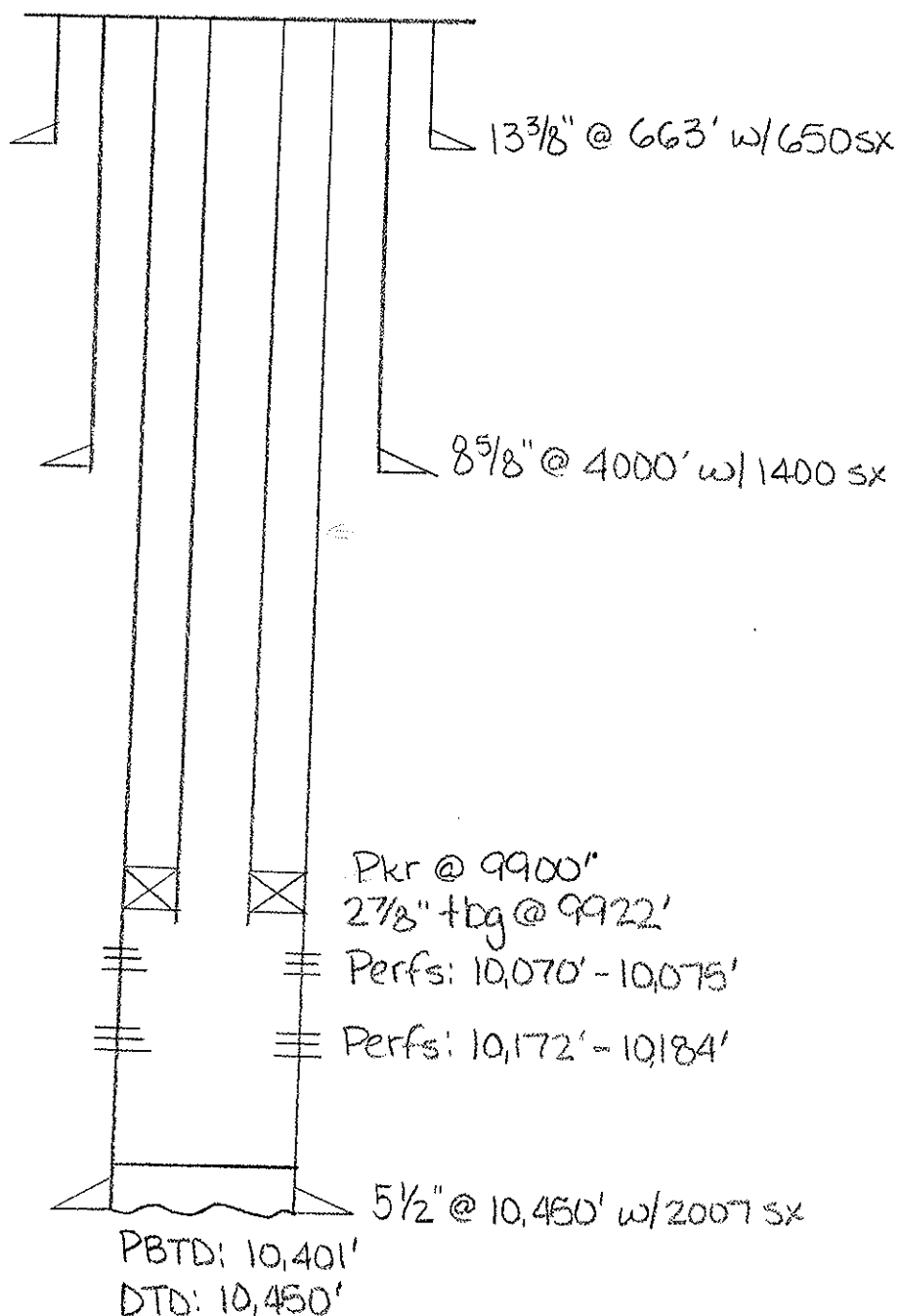


SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 78
Artificial Penetration Review

OPERATOR Conoco Phillips Co.
LEASE Illinois Camp A. Com
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active - Gas
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 6492'
API NO. 30-015-24485

REMARKS:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-83

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

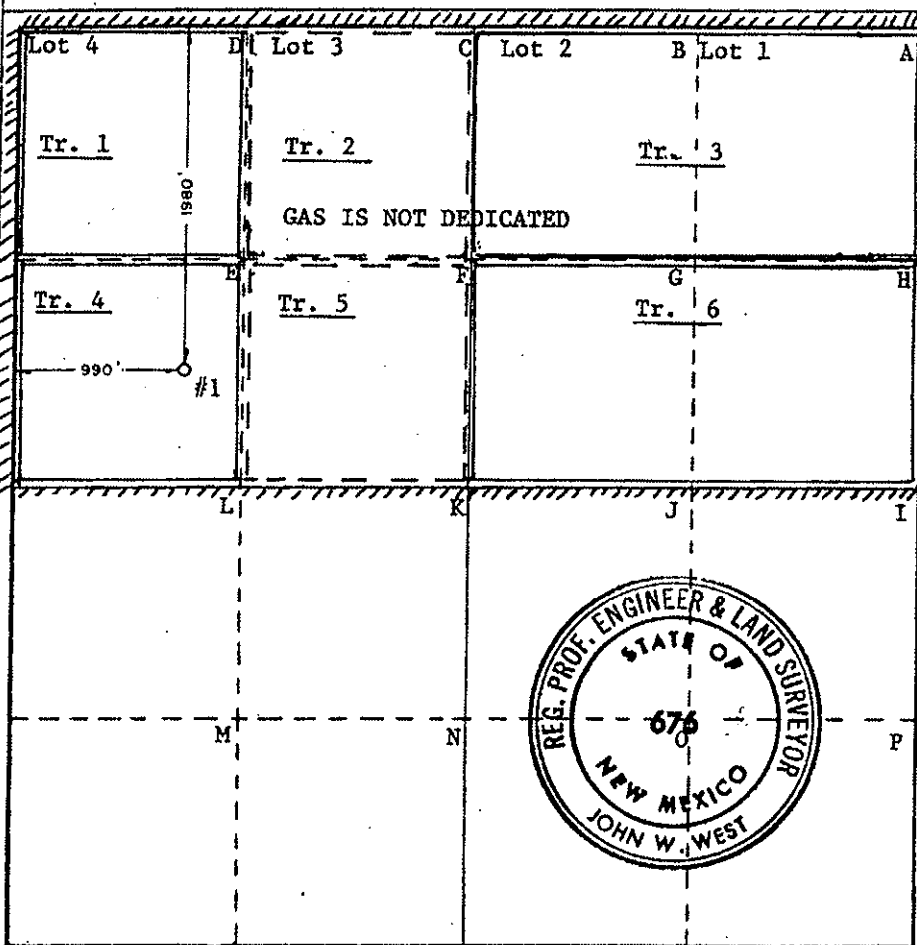
Operator Phillips Oil Company			Lease Illinois Camp "A" Com.			Well No. 1
Unit Letter E	Section 5	Township 18 South	Range 28 East	County Eddy		
Actual Footage Location of Well: 1980 feet from the north line and 990 feet from the west line						
Ground Level Elev. advise later	Producing Formation Morrow		Pool Wildcat	Dedicated Acreage: 320.88 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). SEE REVERSE SIDE
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 COMMUNITIZATION

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.

[Signature]
Name
W. J. Mueller

Position
Sr. Engineering Specialist

Company
PHILLIPS OIL COMPANY

Date
May 20, 1983

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
May 20, 1983

Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No.

John W. West, NM L.S. No. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Tract 1 (Lot 4) - NW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Holly Energy, Inc.	29.16667 %
Read & Stevens, Inc.	4.16667 %
Amoco Prod. Co.	20.00000 %
American Petrofina Co. of Texas	11.11111 %
Rogers Aston, et al	22.22222 %
Rogers Aston & The First Nation Bank in Dallas, Co-Trustees of the "C" Trusts U/W of Bert Aston, Dec'd.	11.11111 %
Rogers Aston	3.70370 %
Charles Albert Aston	3.70370 %
Lincoln Aston	3.70370 %

Royalty Interest Owner: State of New Mexico, Lease No. B-11594

Tract 2 (Lot 3) - NE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Amoco Prod. Co.	50.00000 %
Cities Service Co.	47.39584 %
Tracy Clark	1.30208 %
Robert E. Boling & Mary Z. Boling	1.30208 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Tract 3 (Lots 1 and 2) - N/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Amoco Prod. Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. B-3823

Tract 4 - SW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Aminoil USA, Inc.	100 %
-------------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-7179

Tract 5 - SE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Tenneco Oil Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-2715

Tract 6 - S/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Marathon Oil Co.	75 %
Cities Service Co.	25 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Phillips Oil Company ownership in the above leasehold will be earned through previously executed Farmout Agreements with Marathon Oil Company, Aminoil USA, Inc. and Southland Royalty Co.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

MAY 23 1983

O. C. D.

ARTESIA, OFFICE

API # 30-015-

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

E-7179

7. Unit Agreement Name

8. Farm or Lease Name

Illinois Camp A COM

9. Well No.

10. Field and Pool, or Wildcat

Undesignated Morrow GAS

12. County

Eddy

19. Proposed Depth

10,500'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DP, RT, etc.)

advise later

21A. Kind & Status Plug. Bond

blanket

21B. Drilling Contractor

advise later

22. Approx. Date Work will start

upon approval

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	54.5# K-55	650'	800 sx Cl C	Circ at surface
11"	8 5/8"	32# K-55	3150'	8000 sx Cl C	Circ at surface
7 7/8"	5 1-2"	17#, 20#, N-80	10,500'	2000 sx Cl C	Sufficient to tie into intermediate casing string

UNORTHODOX LOCATION - Case No. 7876 Y&MT. APPROVAL - SF 5/24/83

Use mud additives as required for control

BOP Eqpt.: 5000# WP, double gate w/one annular preventer

GAS IS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 11/29/83

UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE SHOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature]

Title Senior Engineering Advisor

Date 5-20-83

(This space for State Use)

Original signed by
Layla A. Clements
Superintendent

MAY 3 2 1983

APPROVED BY _____ TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
AUG 08 1983

Form C-103
Revised 10-1-78

API No. 30-015-

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-7179

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	7. Unit Agreement Name
1. Name of Operator Phillips Oil Company <input checked="" type="checkbox"/>			8. Farm or Lease Name Illinois Camp A COM
2. Address of Operator Room 401, 4001 Penbrook, Odessa, Texas 79762			9. Well No. 1
3. Location of Well UNIT LETTER E 1980 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E, N.M.P.M.			10. Field and Pool, or Whdcat Empire Penn Morrow Gas
15. Elevation (Show whether DF, RT, GR, etc.)			12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/>	
		OTHER Total Depth <input checked="" type="checkbox"/>	

11. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

5-30-83: MI & RU MGF drlg rig. Spudded 17-1/2" hole 5-28-83. Set 16 jts of 13-3/8" 54.5 K-55 Buttress csg @ 663'. Howco cmted w/650 sx class "C" w/2% CaCl + 1/4# Flocele/sx. Circd 169 sx to pit. Total WOC 18 hrs. Tstd BOP to 600# for 30 mins, OK.

5-31 thru

6-9-83: Drlg.

6-10,11,12-83: Set 94 jts of 8-5/8", 32#, k-55. ST & C scg @ 4000'. Howco cmted w/1400 sx Class C w/20% DD, 3#/sx Gilsonite & 1/4#/sx Flocele followed by 200 sx Class C. Circd 300 sx to surface. Total WOC 18 hrs. Tstd BOP to 3000# for 30 mins, OK.

6-13,22-83: Drlg.

6-23-83: Ran Survey. 10' drlg break f/6840-50: Circd samples to surface.

6-24,25,26-83: Drlg breaks: 6984-96', 7044-54', 7159-72', 7190-210', 7494-7502'. Trip for new bit @ 7496'. Drld 725' in 51 hrs.

BOP Equip 5000# WP, double gate w/one annular preventer.

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

Signed W. J. Mueller

TITLE Sr. Engineering Specialist

DATE August 1, 1983

Original Signed By

Leslie A. Clements

Supervisor District II

TITLE

DATE

AUG 15 1983

CONDITIONS OF APPROVAL, IF ANY:

- 6-27-83: Drlg.
- 6-28-83: Drlg breaks: 8199-8229, no show, 8304-8315, no show; 8331-8348, no show. 30-40 units background gas. 391' in 10-3/4 hrs.
- 6-29 thru 7-7-83: Drlg.
- 7-8,9,10-83: Drlg. TD'd 7-7/8" hole @ 10,450. Circd 3 hrs & POOH. Rigged up Schlumberger & logging.
- 7-11-83: Schlumberger ran LDT/CNL/GR/ Cal, DLL/RXO/GR Cal, BHC Sonic.
- 7-12-83: Set 44 jts of 5-1/2" 20# N-80 LT&C Csg & 262 jts of N-80 LT & C csg & 3 jts of 20# N-80 LT & C csg @ 10,450'. Circd 1 hr. Howco cmtd w/1472 sx class "H" w/1/10% LWL. Circd 100 sx cmt on 1st stage. 2nd stage pmpd 235 sx class "H" w/20% DD & 1/4#/sx Flocele followed by 300 sx Class "H" neat. Set 5-1/2" slips & cut off & ND. Rel rig.
- 7-13-83: Ran temp survey. TOC @ 4040'. Prep to complete--WO completion unit.

STATE OF NEW MEXICO

INCLINATION REPORT

ONE COPY MUST BE FILED WITH EACH COMPLETION REPORT

API# 30-015-24485

Field Name Empire Penn Gas County Eddy
 Room 401,
 Operator Phillips Oil Company Address 4001 Penbrook City Odessa, TX
 79762
 Lease Name Illinois Camp A COM Well No. 1
 Location Unit E 1980 feet from the North line and 990 feet from
West line of Section 5, Township 18-S, Range 28-E

RECORD OF INCLINATION

Depth (Feet)	Angle of Inclination (Degrees)	Depth (Feet)	Angle of Inclination (Degrees)
340	3/4	3,553	1-1/4
640	2	3,705	1-3/2
745	2-3/4	3,753	1-1/4
775	2-1/2	3,861	1-1/2
830	2	4,000	1
891	2	4,085	1
1,179	1	4,239	1
1,273	1-1/4	4,382	1-1/2
1,335	1	4,396	1-1/2
1,390	1-3/4	4,490	1-1/2
1,461	1-1/2	4,550	1-3/4
1,556	1-1/2	4,640	2
1,675	1-1/4	4,750	2-1/4
1,836	1-1/4	4,800	1-3/4
1,931	1-1/4	4,925	2-1/4
2,050	1-3/4	4,956	2-1/4
2,140	1-1/2	5,021	2
2,265	1-1/2	5,084	2-3/4
2,365	2	5,145	2-3/4
2,425	2	5,210	2-3/4
2,490	1-1/4	5,270	3-1/4
2,550	2	5,292	3-1/4
2,615	1-1/2	5,336	3-1/4
2,678	1-1/4	5,400	3-1/4
2,740	1	5,462	3-1/2
2,830	1-1/4	5,525	3-1/2
2,930	1-1/4	5,587	3-1/4
2,990	1-1/2	5,650	2-3/4
3,050	1-1/4	5,712	2-3/4
3,145	1-1/4	5,775	2-3/4
3,210	1-1/4	5,837	2-1/4
3,303	1	5,900	1-3/4
3,395	1	5,962	2-1/4

I hereby certify that I have personal knowledge of the data and facts placed on this form and that such information given above is true and complete.

CONTINUED ON REVERSE SIDE

W. J. Mueller

Signature and Title of Affiant
 Sr. Engineering Specialist

Sworn and subscribed to before me, this the 15 day of August

19 83

Audrey J. Jacks Audrey J. Jacks
Notary Public in and for Ector
County, Texas

My Commission Expires

November 30, 1984

6,001	1-3/4
6,120	3
6,183	3
6,245	2-3/4
6,350	2-3/4
6,432	2-3/4
6,535	1-1/2
6,571	1-1/2
6,780	1-3/4
6,900	2
7,040	1-1/4
7,436	1-3/4
7,830	3/4
8,185	1-1/4
8,620	1-1/4
9,000	1-1/4
9,500	3/4
10,450	1-3/4

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API 30-015-24485

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. E-7179	
7. Unit Agreement Name	
8. Farm or Lease Name Illinois Camp A COM	
9. Well No. 1	
10. Field and Pool, or Wildcat Empire Penn GAS	
12. County Eddy	
13. Date Spudded 5-28-83	16. Date T.D. Reached 7-10-83
17. Date Compl. (Ready to Prod.) 8-10-83	18. Elevations (DF, RKB, RT, GR, etc.) 2667' DF 2654' GR
20. Total Depth 10450	21. Plug Back T.D. 10401
22. If Multiple Compl., How Many no	23. Intervals Drilled By Rotary Tools 0-10450'
24. Producing interval(s), of this completion - Top, Bottom, Name Morrow - top 10,005'; bottom 10,401'	
25. Was Directional Survey Made no	
26. Type Electric and Other Logs Run LDT, CNL/GR caliper, DLL-/RXO-GR, BHC Sonic	
27. Was Well Cored no	
28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT LB./FT.
13 3/8"	54.5#
8 5/8"	32#
650sx Class C w/2% CaCl ₂ & 1/4# Flocele/sx. 195's	
1400sx Class C w/20%DD Circ 300sx.	
5 1/2" 20# 10450 w/DV@6500" 7 7/8' see reverse side Temp TOC 4040'	
29. LINER RECORD	
SIZE	TOP
---	---
30. TUBING RECORD	
SIZE	DEPTH SET
2 7/8"	9922
PACKER SET 9900	
31. Perforation Record (Interval, size and number) 10172-84' & 10070-75', 4 JSPF, 68 holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
shut in pending connection	
21.9 Mcf/bbl	
33. See Form C-122 attached	
PRODUCTION	
Date First Production 8-10-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg
Date of Test 8-10-83	Well Status (Prod. or Shut-in) shut in pending connection
Hours Tested	Choke Size
8-10-83	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure
1993	pkf
Calculated 24-Hour Rate	Oil - Bbl.
119	2611
Gas - MCF	Water - Bbl.
---	---
Oil Gravity - API (Corr.)	53
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut in pending gas connection	
Text Witnessed By Richard Townley	
35. List of Attachments Logs furnished direct by logging company	
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.	
SIGNED <u>W. J. Mueller</u> TITLE <u>Sr. Engineering Specialist</u> DATE <u>8-15-83</u>	

1a. TYPE OF WELL B/M	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator Phillips Oil Company	
3. Address of Operator Room 401, 4001 Penbrook Street, Odessa, TX 79762	
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>990</u> FEET FROM <u>the west</u> LINE OF SEC. <u>5</u> TWP. <u>18S</u> RGE. <u>28E</u>	
5. Date Spudded 5-28-83	
16. Date T.D. Reached 7-10-83	
17. Date Compl. (Ready to Prod.) 8-10-83	
18. Elevations (DF, RKB, RT, GR, etc.) 2667' DF 2654' GR	
20. Total Depth 10450	
21. Plug Back T.D. 10401	
22. If Multiple Compl., How Many no	
23. Intervals Drilled By Rotary Tools 0-10450'	
24. Producing interval(s), of this completion - Top, Bottom, Name Morrow - top 10,005'; bottom 10,401'	
25. Was Directional Survey Made no	
26. Type Electric and Other Logs Run LDT, CNL/GR caliper, DLL-/RXO-GR, BHC Sonic	
27. Was Well Cored no	

28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT LB./FT.
13 3/8"	54.5#
8 5/8"	32#
650sx Class C w/2% CaCl ₂ & 1/4# Flocele/sx. 195's	
1400sx Class C w/20%DD Circ 300sx.	
5 1/2" 20# 10450 w/DV@6500" 7 7/8' see reverse side Temp TOC 4040'	
29. LINER RECORD	
SIZE	TOP
---	---
30. TUBING RECORD	
SIZE	DEPTH SET
2 7/8"	9922
PACKER SET 9900	
31. Perforation Record (Interval, size and number) 10172-84' & 10070-75', 4 JSPF, 68 holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
shut in pending connection	
21.9 Mcf/bbl	
33. See Form C-122 attached	
PRODUCTION	
Date First Production 8-10-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg
Date of Test 8-10-83	Well Status (Prod. or Shut-in) shut in pending connection
Hours Tested	Choke Size
8-10-83	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure
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Calculated 24-Hour Rate	Oil - Bbl.
119	2611
Gas - MCF	Water - Bbl.
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 8630	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9199	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Alaka _____ 9656	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. xxxx Morrow _____ 10005	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. xxxx Morrow Clastics _____ 10015	T. Menefee _____	T. Madison _____
T. Queen _____	T. Chester Shale _____ 10247	T. Point Lookout _____	T. Eibert _____
T. Grayburg _____	T. Miss Lime _____ 10393	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quartz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Elicenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5700	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 6877	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8152	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	715	715	Surface rock				
715	2080	1365	Anhydrite				
2080	2905	825	Anhydrite, lime				
2905	5708	2803	Lime				
5708	6928	1220	Lime, shale				
6928	7758	830	Lime, dolomite				
7758	9570	1812	Lime, shale				
9570	9716	146	Lime, chert				
9716	9989	273	Lime, shale				
9989	10190	201	Lime, shale, sand				
10190	10260	70	Lime				
10260	10329	69	Lime, shale				
10329	10450	121	Shale				

Item 28: Cmd 5 1/2" csg w/1472 sx Class C
 w/10%LWL; opened DV @6500, circ 100sx, Cmd w/
 235 sx w/20%DD & 1/4#Flocele/sx & 300sxClass H
 WOC, ran temp survey, TOC 4040'

(505) 746-3354 / Artesia, New Mexico 80610

COMPANY PHILLIPS OIL WELL NAME ILLINOIS CAMP "A" COM. #1
DATE OF TEST 8-10-83 FORMATION _____ PAGE 1 OF 1
COMPANY MAN LYNDALL HAWKINS

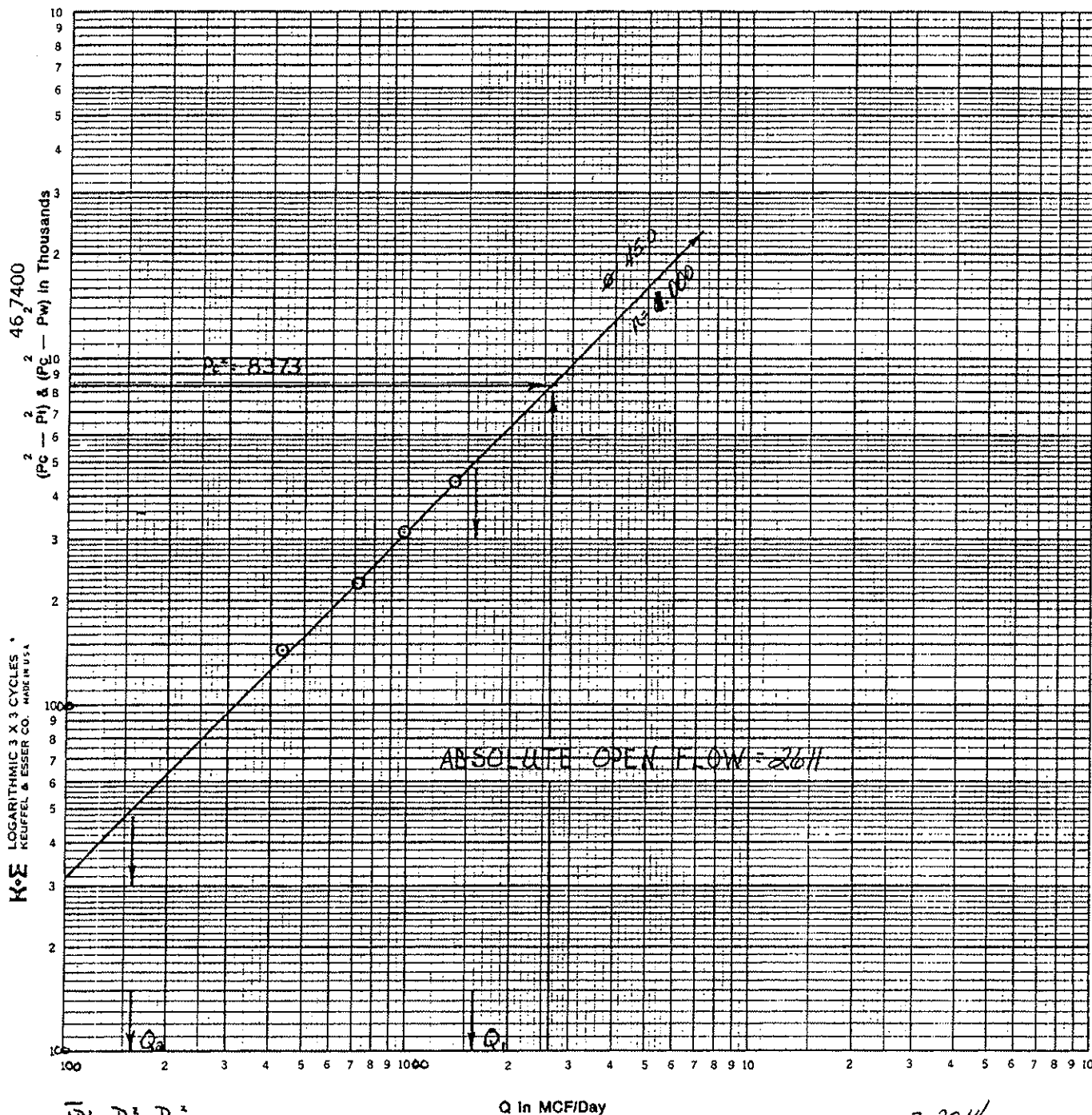
ELEMENT NUMBER	RPG3#46950	RANGE	7250 LBS.
CLOCK NUMBER	1935	RANGE	12 HOUR
ELEMENT NUMBER	RPG3#46951	RANGE	7000 LBS.
CLOCK NUMBER	B-3443	RANGE	12 HOUR
TIME WELL SHUT IN	N/A		
TIME CLOCK STARTED	0743 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON SURFACE	2892.2 PSIA	SHUT IN	LBS.
TIME ELEMENT REACHED BOTTOM	1017 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON BOTTOM	2892.2 PSIA	SHUT IN	LBS.
ELEMENT SET AT	10,250		FEET
TEMPERATURE	10,250	FT.	162 °F.
2006 PSIA	DEAD WEIGHT AT THE END OF	4 HOURS	0 MINUTES

[illegible]

BACK PRESSURE CURVE

Operator Phillips oil Lease Tilinois camp A com. Well No. 1
 County Eddy Field _____ Location 5 18S 28E
 Date of Test 8/10/83 Slope "n" 1.000 Angle of Slope 45.0

Calc. Abs. Potential 2611 MCF/D



$$\Delta \bar{P}_1: P_c^2 - P_w^2 =$$

$$\Delta \bar{P}_2: P_c^2 - P_w^2 =$$

$$Q_1 = 1590$$

$$Q_2 = 159$$

$$\log Q_1 = 3.2014$$

$$\log Q_2 = 2.2014$$

$$n = 1.000$$

Type Test <input checked="" type="checkbox"/> Initial 4-POINT <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 8-10-83	
Company PHILLIPS OIL Co. ✓		Connection AIR NEW WELL	
Pool WILDCAT		Formation MORROW	
Completion Date 8-9-83		Total Depth 10,450	
Well Size 5.500		Well Head 10,450	
Well Size 2.875		Well Head 9,922	
Type Well - Single - Bordenhead - G.G. or G.O. Multiple SINGLE		Packers Set At 9900	
Producing thru TUBING		Reservoir Temp. °F 162	
Mean Annual Temp. °F 60.0		Baro. Press. - P _a 13.2	
L 10127		H 10127	
C _g 0.648		% CO ₂ 0.39	
% N ₂ 0.40		% H ₂ S 0	
Prover 0		Motor Run 4.0	
Tape FLANGE		County EDDY	
State NEW MEXICO		Well No. #1	
Unit E		Sec. 5	
Twp. 18S		Rye. 28E	
Form or Lease Name ILLINOIS CAMP "A"			
Flow Data			
NO.	Prover Line Size	X	Orifice Size
1	4.03 X 1.500	395	2.5
2	4.03 X 1.500	405	6.5
3	4.03 X 1.500	410	12.0
4	4.03 X 1.500	415	23.0
5			
TUBING DATA			
NO.	Prover Line Size	X	Orifice Size
1	4.03 X 1.500	395	2.5
2	4.03 X 1.500	405	6.5
3	4.03 X 1.500	410	12.0
4	4.03 X 1.500	415	23.0
5			
B.H.P. DATA			
NO.	Prover Line Size	X	Orifice Size
1	4.03 X 1.500	395	2.5
2	4.03 X 1.500	405	6.5
3	4.03 X 1.500	410	12.0
4	4.03 X 1.500	415	23.0
5			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	10.84	31.95	408.2
2	10.84	52.14	418.2
3	10.84	71.26	423.2
4	10.84	99.24	428.2
5			
NO.	P ₁	Temp. °R	T _g
1	0.61	552.	1.48
2	0.62	546.	1.47
3	0.63	542.	1.46
4	0.64	534.	1.44
5			
Gas Liquid Hydrocarbon Ratio 21.9 Mol/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons 53.0 Deg.			
Specific Gravity Separator Gas 0.648			
Specific Gravity Flowing Fluid XXXXX 0.769			
Critical Pressure 671. P.S.I.A. 665. P.S.I.A.			
Critical Temperature 372. °R 410. °R			
P ₁ 2893.6 P ₂ 8373.			
NO.	P ₁	P ₂	P ₃
1	13855	2633	6934
2	12413	2475	6128
3	10747	2287	5229
4	8307	1994	3974
5			
(1) $\frac{P_c^2}{P_1^2 - P_2^2} = 1.9034$			
(2) $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n = 1.9034$			
AOI = 0 $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n = 2611.$			
Absolute Open Flow 2611. Mcld @ 15.025			
Angle of Slope 45.0			
Slope, n 1.000			
Remarks: BOTTOM HOLE PRESSURES MEASURED WITH AMERADA PRESSURE ELEMENTS.			
Approved by Commission			
Conducted By RICHARD TOWNLEY			
Calculated By BENNETT & CATHEY			
Checked By			

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

AUG 16 1983

REQUEST FOR ALLOWABLE O. C. D.
AND
ARTESIA OFFICE
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS API #30-015-24485

OPERATOR	
Phillips Oil Company	
Address	
Room 401, 4001 Penbrook Street, Odessa, Texas 79762	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Illinois Camp A COM	1	Empire Penn	State, XXXXXX	E7179
Location				
Unit Letter <u>E</u> ; 1980 Feet From The <u>north</u> Line and <u>990</u> Feet From The <u>west</u>				
Line of Section <u>5</u> Township <u>18-S</u> Range <u>28-E</u> NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co. - Trucks</u>	<u>1401 Penbrook Odessa, TX 79762</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co.</u>	<u>1401 Penbrook Odessa, TX 79762</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>E 5 18 28</u> <u>yes</u> <u>1-26-84</u>

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
5-28-83	8-10-83	10450	10401					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
2667' DF, 2654' Gr	Morrow	10005-10,170	9922					
Perforations	Depth Casing Shoe							
10070-75', 10172-84'	10450							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	663'	650ex Class C. Circ 195ex
11"	8 5/8"	4000'	600ex Class C. Circ 300ex
7 7/8"	5 1/2"	10450"	2007st Cl Hw/add. Temp 1064040'
		2 3/8	9922

VI. 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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	

Length of Test	Tubing Pressure	Casing Pressure	Choke Size
			Post TD 2-8-19-83
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
			Comp 1/2 PK

GAS WELL Form C-122 fwd separate cover 8-15-83

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
CAOF 24 hrs AOF 2611		119 BC	53
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
BP	2879	pkc	1 1/2" orifice

7. CERTIFICATE OF COMPLIANCE

OIL CONSERVATION DIVISION

I hereby certify that the rules and regulations of the Oil Conservation

APPROVED FEB 16 1984

19

This form is to be filled 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 deviate 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.

W. J. Mueller

(Signature)

Senior Engineering Specialist

(Title)

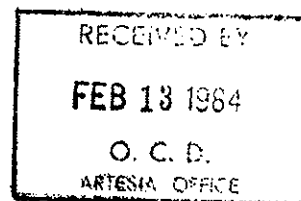
8-15-83



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



DATE: February 10, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210

NOTICE OF GAS CONNECTION

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company ✓
Operator

Illinois Camp A¹#1, E, 05-18-28, Empire/Penn (H.P.)
Lease Well Unit S. T. R. Pool

Phillips Petroleum Company, was made on 1-26-84
Name of Purchaser

Phillips Petroleum Company

J. E. Rush
J. E. Rush-Representative

Production Records Supervisor
Rm. 215 Phillips Building

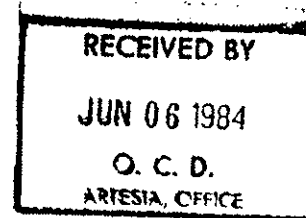
cc: To Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



DATE: June 5, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210 ✓

NOTICE OF GAS CONNECTION: ✓

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company
Operator

Illinois Camp "A" Com #1, E, 05-18-28, Empire/Penn
Lease Well Unit S. T. R. Pool

Phillips Petroleum Company, was made on May 16, 1984
Name of Purchaser

Phillips Petroleum Company

J. B. Rush
J. B. Rush - Representative

Production Records Supervisor
Rm. 215 Phillips Building

cc: Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

October 11, 1984

RECEIVED BY

OCT 15 1984

O. C. D.
ARTESIA, OFFICE

Leasehold Production Requirements -
Illinois Camp A Com No. 1 -
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company ✓
Box 2105,
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before November 16, 1984. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,

E. E. Clark,
Agent

THM:se

cc: Commissioner of Public Lands,
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

✓ New Mexico Department of Energy
Oil and Gas Division
Drawer DD,
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP January 8, 1985
Permian Basin Region

Leasehold Production Requirements -
Illinois Camp A Com No. 1 - ✓
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

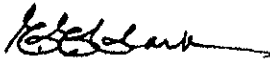
Attention: Mr. A. A. Hochstein
Area Manager

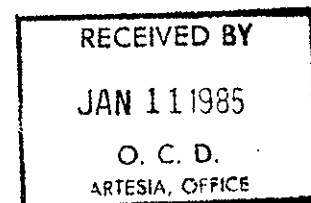
Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before January 16, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,


E. E. Clark
Agent



THM/kjw
REG3/111

cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

March 28, 1985

RECEIVED BY

APR -3 1985

O. C. D.

ARTESIA, OFFICE

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

In Re: Leasehold Production Requirements -
Illinois Camp A Com No. 1
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, at a total production volume not to exceed 50 Mcf/D gas, on March 28 and 29, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179. This authorized production made may be repeated every other month.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,


E. E. Clark
Agent

EEC:THM:cjw

cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210

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TRANSPORTER	OIL	✓	
	GAS		
ATOR		✓	
REATION OFFICE			

RECEIVED BY
AUG 01 1985
O.C.D.
ARTESIA, OFFICE

PHILLIPS PETROLEUM COMPANY

4001 Penbrook Odessa, Texas 79762

How Well

Recompletion

Change in Concentration

Change in Transporter etc

414

☐ **Contingency Case**

Dry Coat

Cardiac

Other (Please explain)

Changed from

Phillips Oil Company August 1, 1985

PHILLIPS OIL COMPANY 4001. Penbrook Odessa, Texas

Illinois Camp A Com	1	Empire Penn	Kind of Lease State, Federal or Foreign	State	Lease E7179
---------------------	---	-------------	--	-------	----------------

Section	E	1980	Feet From The	North	Line and	990	Feet From The	West
---------	---	------	---------------	-------	----------	-----	---------------	------

Line of Section 5 Township 18-S Range 28-E N14PM Eddy Co

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent,	
Phillips Petroleum Company-Trucks		4001 Penbrook Odessa, Texas 79762	
Name of Authorized Transporter of Crudehead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent,	
Phillisp Petroleum Company		4001 Penbrook Odessa, Texas 79762	
well produces oil or liquids, re location of tanks.	Unit	Sec.	Twp.
			Rgn.
		Is gas actually connected? When	
		Post ID-2	

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

NOTE: Complete Parts IV and V on reverse side if necessary.

reby certify that the rules and regulations of the Oil Conservation Division have
n complied with and that the information given is true and complete to the best of
knowledge and belief.

Production Records Supervisor

July 25, 1985

APPROVED AUG 6 1985, 19
BY
 ORIGINAL SIGNED
 BY LARRY BROOKS
 GEOLOGIST - NMCD
TITLE

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 dev tests taken on the well in accordance with AULX 111.

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

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

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY

AUG 20 1986

API No. 30-015-24485

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-7179	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PROPOSAL TO DRILL OR RE-DRILL" FOR SUCH PROPOSALS.)

6. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
8. Name of Operator Phillips Petroleum Company		8. Form or Lease Name Illinois Camp A COM
9. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		9. Well No. 1
10. Location of Well UNIT LETTER E 1980 FEET FROM THE north LINE AND 990 FEET FROM THE west LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E N.M.P.M.		10. Field and Pool, or Wildcat Empire Penn
11. Elevation (Show whether DF, RT, GR, etc.) 2654' GR		12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER Clean out frac sand w/coiled tbg unit & return to production <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.

7-16-86: 10401'PTD RU coiled tbg unit. Ran tbg to depth of 4200', developed a hole in 1" tbg & pulled from well.
Last test: 0 BO, OBW & 0 MCFG.

7-17 thru
7-21-86:

WIH w/1" tbg & washing tool, lost circ at depth of 7200'. Shut off nitrified circ fluid and displaced tbg with nitrogen, foam displaced from tbg very thick and heavy. Ran tbg to depth of 9900' while pumping nitrogen, started nitrified circ fluid at this point. Pmp press went from 1700 psi to 4000 psi after starting nitrified circ fluid. No returns at surface. SD circ fluid and displaced tbg w/nitrogen. Good returns w/just nitrogen.

7-22-86: MI & RU DDU. Dropped standing valve and RU rotary. WIH w/perf gun. Perf'd tbg at 9788'. Swbd 3 hrs, IFL 2800', FFL at 4000', rec 36 BW.

7-23-86: Swbd FL down to 9000'. ND wellhead & NU BOP. Released pkr at 9906', POOH. WIH w/hydrostatic bailer and tagged sand at 10180'. CO to 10280'.

7-24-86: POOH w/hydrostatic bailer, WIH w/wire-line guide, 1 jt 2-3/8" tbg,

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

SEE REVERSE SIDE

SIGNED N. E. Porter N. E. Porter TITLE Gas Reservoir Engineer DATE August 18, 1986

APPROVED BY Les A. Clements
Supervisor District II

TITLE

DATE

AUG 22 1986

CONDITIONS OF APPROVAL, IF ANY:

7-24-86; (Cont.) 5-1/2" Big-Bore Lok-Set pr, 10' 2-3/8" Sub, F-Nipple, 365 lbs
 2-3/8" cbg internally tested to 5000 psi above slips, Set pr at
 9900' with 11000# compression. ND BOP, NU wellhead. Loaded
 tbg-csg annulus with 2% KCL water & tested to 500 psi for
 30 min, held ok. Swd 4 hrs, rec 14 BW.
 7-25-86: SITP 200 psi. Bled well down. Swd 8 hrs, rec 57 BW.
 Well kicked off flowing. Put well on line.
 7-26-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.
 7-27-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.

Job complete.

RECEIVED BY

MAR 05 1986

O. C. D.

ARTESIA, OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-104
Revised 10-01-78
Format 08-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OIL	<input checked="" type="checkbox"/>
NATURAL GAS	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	

I.

Operator PHILLIPS PETROLEUM COMPANY

Address 4001 Penbrook Odessa, Texas 79762

Reason(s) for filing (Check proper box)

☐ New Well ☐ Change in Transporter oil ☒ Dry Gas

☐ Recompletion ☐ Oil ☐ Condensate

☐ Change in Ownership ☐ Condensate

Other (Please explain) Effective date 1-1-86

If change of ownership give name
and address of previous owner _____**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>Illinois Camp A Com</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Empire Penn</u>	Kind of Lease <u>State, Federal or Fee State</u>	Lease No. <u>E7179</u>
Location				
Unit Letter <u>E</u>	<u>1980</u>	Feet From The <u>North</u>	Line and <u>990</u>	Feet From The <u>West</u>
Line of Section <u>5</u>	Township <u>18S</u>	Range <u>28E</u>	<u>NMPM</u> , <u>Eddy</u> County	

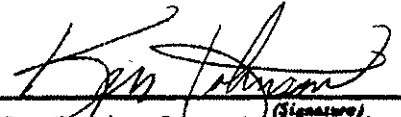
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Petroleum Company-Trucks</u>	<u>4001 Penbrook, Odessa, Texas 79762</u>
Name of Authorized Transporter of Condensate Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips 66 Natural Gas Company</u>	<u>4001 Penbrook, Odessa, Texas 79762</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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


Ken Johnson
Production Records Supervisor
January 24, 1986 (Title)
(Date)

OIL CONSERVATION DIVISION

APPROVED MAR 7 1986, 19

Original Signed By
Les A. Clements

TITLE Supervisor District II

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 allow-
able 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 multiply
completed wells.

NO. OF COPIES RECEIVED	
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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
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LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY
 JAN 27 1986
 O.C.D.

BOX 2088
 SANTA FE, NEW MEXICO 87501

API No. 30-015-24485

30. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
31. State Oil & Gas Lease No.
E-7179

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
Name of Operator Phillips Petroleum Company	8. Form or Lease Name Illinois Camp A COM
Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762	9. Well No. 1
Location of Well UNIT LETTER <u>E</u> <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>990</u> FEET FROM THE <u>west</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18-S</u> RANGE <u>28-E</u> N.M.P.M.	10. Field and Pool, or Whose Empire Penn
11. Elevation (Show whether DF, RT, GR, etc.) 2654' GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
<input type="checkbox"/> IMPROVE REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> WILL OR ALTER CASING <input type="checkbox"/> OTHER	<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS	<input checked="" type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER	<input type="checkbox"/> ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1162.

12-19-85: MI & RU DDU. FL @ 8000' from surface. Swbd down to SN @ 9895'. Installed wellhead isolation tool & tested. Loaded annulus w/2% KCL water w/1% technib 370. Held 1000# on annulus during treatment. Acidized Morrow perms w/3000 gals 7 1/2% low surface tension HCL acid; 78,000 SCF nitrogen. Flowed well to pit, well flowed 1 hr 20 min approx 50 bbls load. WIH w/swab, tbq dry no fluid to SN. SDON

12-20-85: WIH w/swab to SN, 900' scattered fluid. Swbd 2 bbls in 5 hrs.

12-21 & 22-85: Well SI.

12-23 thru

12-25-85: TP 50#. Blew well down. WIH w/swab to SN, 800' scattered fluid. Installed wellhead isolation tool and tested. Treated Morrow perms 10,070'-10,184' w/ 29,000 gals cross linked gelled 2% KCL water carrying 18,000# 20/40 mesh sand and 8,000# 20/40 ceramic proppant, energized w/800 SCF/bbl nitrogen. Left well closed in three hours after treatment. Bled well to pit. Well flowed 2.5 hrs to pit (nitrogen gas) and then died. WIH w/swab to seating nipple, pulled approx. 800'-900' of scattered fluid. Closed well in. 12-24: TP 500#, blew well down to pit. WIH w/swb, pulled approx. 600' fluid. Waited 1 hr, made

SEE REVERSE SIDE

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

N. E. Porter Original Sign Senior Gas Well Engineer

DATE 1-23-86

Supervisor District 11

JAN 29 1986

12-24-85 (cont.) another run. Could not get any fluid out of hole. SDON.
12-25: Well SI.

12-26-85: TP 600#. Well flowed to pit for one hr and died. Made 2 swb runs, well kicked off and started flowing at 11:00 a.m., flowed well until 9:00 p.m. Gas to wet to burn. Closed well in, SDON.

12-27-85: TP600#. Opened well to pit to clean up. Flowed well until 2:00 p.m. Well cleaned up. Gas burning good and clean. Placed well on production.

12-28- thru
1-19-86: Tested well.

1-20-86: Flowed well at a rate of 962 MCFD, FTP 463#.

Job complete, well returned to production.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

CLSF
dp

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JAN 28 1994

WELL API NO. 30-015-24485
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7179
7. Lease Name or Unit Agreement Name Illinois Camp A Com
8. Well No. 1
9. Pool name or Wildcat Empire Penn
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Phillips Petroleum Company	
3. Address of Operator 4001 Penbrook St., Odessa, Texas 79762	
4. Well Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>5</u> Township <u>18-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>Set plug</u> <input checked="" type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11/19/93 Pump 20 bbls 2% KCL down tubing. MI RU. Install shop tested lubricator to 5000 psi. GIH with 2" gauge run to 10080'. COOH. GIH with thru-tubing bridge. Set at 10006'. COOH. GIH with 2" bailer and dump 30# lead shot on plug. COOH. GIH and dump 6' of cement on plug. COOH. RD M/O. Shut well in.

11/23/93 MI RU, install lubricator. GIH with retrieving tool and close vent. COOH. GIH with bailer and dump 14' cement on plug. COOH. RD M/O. Shut well in to let cement set.

11/30/93 RU & pumped 55 bbls 2% kcl. Tested plug to 1900#. Well broke back to 0 psi. Well on vacuum. RD M/O.

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

SIGNATURE L. M. Sanders TITLE Supv., Reg. Affairs DATE 1/24/94

TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. 915/368-1488

(This space for State Use)

SUPERVISOR DISTRICT I

FEB 9 1994

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Date: 06/19/95	Phone: (915)368-1675	JUL 10 1995	
47 If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
2654' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook Street, Odessa, TX 79762

4. Well Location
Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line

Section 5 Township 18-S Range 28-E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
2654' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ADD PERFS & TEST MID MORROD FORMATION ☒

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- HIRU HES, NU WELLHEAD, RIH W/SINKER BAR, GAUGE RING ON WIRELINE TO PBTD, COOH.
- RIH W/PERF GUN AND PERF MIDDLE MORROW AS FOLLOWS:
10,028'-10,036', 4 SHOTS PER FOOT, 8 FOOT, 33 SHOTS, COOH, RDMO HES,
- PRODUCE WELL INTO THE GAS PRODUCTION UNIT, REPORT FLOW RATE AND FLOWING TBG PRESSURE UNTIL WELL STABILIZES.

MAY - 8 1996

OIL CON. DIV.
DIST. 2

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

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 05/02/96
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

MAY 9 1996

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	F-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	4. Well Location Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line
5. Section 5 Township 18-S Range 28-E NMPM EDDY County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ADD PERFS & TST MIDDLE MORROW ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

05/27/96 MI RU HALLIBURTON T/CK PBTD & PERF MID MORROW, INSTALL PRE-TESTED 5000# LUB, FLOW TBG PRESS 68 PSI RATE 58 MCF GAS, CONTINUE PRODUCING DURING WL OPER, WIH W/SINKER BAR 2-1/8" GAUGE RING & JNK BSKT T/10300' (116' BELOW BTM PERF @ 10,184'), POOH, WIH W/2-1/8" DYNASTAR STRIP GUN W/15.5 GR CHRGS 4 SPF & 0 DEG PHASING, PERF'D MID MORROW: 10208'-10036' (8' 3 SHOTS) CORRELATED W/SCHLUMBERGER GR-CCL LOG DATED 8-1-83, PRESS WENT FR/60 PSI T/150 PSI F/5 MIN 5:10PM, T/143 PSI @ 5:30 & 136 PSI @ 6:00 PM, RD HALLIBURTON, FLOW WELL.
5/28/96 PRODUCING 90# FLOW PRESS RATE 111 MCF P/D.
5/29/96 PRODUCING 86# FLOW PRESS @ 101 MCF P/D.
5/30/96 PRODUCING 84# FLOW PRESS @ 98 MCF P/D, FINAL REPORT.
COMPLETE DROP FROM REPORT

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

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 07/11/96
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

JUL 17 1996

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A
March 19, 2001

Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to appropriate
District Office

Change of Operator

Previous Operator Information:

OGRID: 017643
Name: Phillips Petroleum Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

New Operator Information:

Effective Date: 01/01/2003
New Ogrid: 217817
New Name: ConocoPhillips Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: Yolanda Perez

Printed name: Yolanda Perez

Title: Sr. Regulatory Analyst

Date: 12/30/2002 Phone: (832)486-2329



Previous operator complete below:

Previous
Operator: Phillips Petroleum Company
Previous
OGRID: 017643
Signature: Steve de Albuquerque
Printed
Name: Steve de Albuquerque

<u>NMOCD Approval</u>	
Signature:	<u>Jim W. Beam</u>
Printed Name:	<u>Jim W. Beam</u>
District:	_____
Date:	<u>JAN 24 2003</u>

30-015-24485

IT IS THEREFORE ORDERED:

(1) That the application of Rio Pecos Corporation for an unorthodox gas well location for the Wolfcamp/Pennsylvanian formations is hereby approved for a well to be located at a point 1980 feet from the North line and 990 feet from the West line of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(2) That the N/2 of said Section 5 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY,
Director

9-9-93

Ch-LD

Surf. - 10448

DfL - 877

6500 - 10449

BCDL

6500 - 10445

CP

6500 - 10450

R-7286 - NSL

Ria^{1st} - 7876



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

*Field Inspection Program
"Preserving the Integrity of Our Environment"*

21-Jul-05

CONOCOPHILLIPS COMPANY

4001 Penbrook St.

Odessa TX 79761

NOTICE OF VIOLATION - Inspection

Dear Operator:

The following inspection(s) indicate that the well, equipment, location or operational status of the well(s) failed to meet standards of the New Mexico Oil Conservation Division as described in the detail section below. To comply with standards imposed by Rules and Regulations of the Division, corrective action must be taken immediately and the situation brought into compliance. The detail section indicates preliminary findings and/or probable nature of the violation. This determination is based on an inspection of your well or facility by an inspector employed by the Oil Conservation Division on the date(s) indicated.

Please notify the proper district office of the Division, in writing, of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and/or facility.

INSPECTION DETAIL SECTION

ILLINOIS CAMP A COM No.001			E-5-18S-28E		30-015-24485-00-00	
Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
07/21/2005	Routine/Periodic	Chris Beadle	Yes	No	8/22/2005	ICLB0520250048
Violations						
Absent Well Identification Signs (Rule 103)						
Comments on Inspection: Well Sign not in compliance with Rule 103. Sign does not list footages or API number as required by NMAC 19.15.3.103.F(4) and (5).						

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data.
*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.

District I
1635 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

NMLB0915353481

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	ConocoPhillips Company	Contact	John W. Gates
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	505.391.3158
Facility Name	Illinois Camp Well No 1	Facility Type	Oil and Gas
Surface Owner	State Of New Mexico	Mineral Owner	State Of New Mexico
		Lease No.	30015244485

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K E	5	18S	38E-28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

Type of Release	Crude Oil & Produced Water	Volume of Release	90bbl (51oil, 39water)	Volume Recovered	(0oil, 0water)
Source of Release	3X4" Swedge on east side of tank	Date and Hour of Occurrence	2/26/09 NA	Date and Hour of Discovery	2/26/09 1024
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking NMOCD		
By Whom?	John Gates	Date and Hour	2/26/09 1430		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.* 3X4 inch swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.					
Describe Area Affected and Cleanup Action Taken.* 15' X 36' area inside caliche dike with no cattle present. There were no fluids recovered. Spill site will be delineated and remediated in accordance with NMOCD guidelines					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Signature:	<i>John W. Gates</i>		OIL CONSERVATION DIVISION		
Printed Name:	John W. Gates		Approved by District Supervisor <i>Philip Benavente</i>		
Title:	HSER Lead		Approval Date: JUN 09 2009 Expiration Date:		
E-mail Address:	John.W.Gates@conocophillips.com		Conditions of Approval: Remediation per NMOCD Rules & Guidelines		
Date:	02/26/2009		Attached <input checked="" type="checkbox"/>		
Phone:	505.391.3158				

• Attach Additional Sheets If Necessary

NMLB0915354261

2RP-314

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

2RP 314

NMLB09153 53481

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Jesse Sosa
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	575-391-3126
Facility Name	Illinois Camp Well No 1	Facility Type	Oil & Gas

Surface Owner	State of New Mexico	Mineral Owner	State of New Mexico	Lease No.	30-015-24485
---------------	---------------------	---------------	---------------------	-----------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	5	18S	28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

Type of Release	Crude oil & produced water	Volume of Release	90 bbl (51 oil, 39 water)	Volume Recovered	(0 oil, 0 water)
Source of Release	3X4" Swedge on east side of tank	Date and Hour of Occurrence	2/26/09 NA	Date and Hour of Discovery	2/26/09 1024
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking NMOCD		
By Whom?	John Gates	Date and Hour	2/26/2009	1430	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*
NA

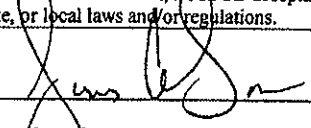
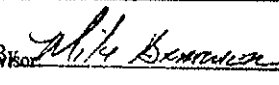
Describe Cause of Problem and Remedial Action Taken.*

#X4" swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.

Describe Area Affected and Cleanup Action Taken.*

Liquids were contained within 35 X 55 ft tank diked area. The release was delineated and remediated in accordance with NMOCD guidelines. See attached document.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Jesse Sosa		Approved by District Supervisor: 	
Title: HSE Lead		Approval Date: SEP 28 2009	Expiration Date: N/A
E-mail Address: jesse.a.sosa@conocophillips.com		Conditions of Approval: N/A	Attached <input type="checkbox"/>
Date: Sept 25, 2009 Phone: 575-391-3126			

* Attach Additional Sheets If Necessary

2RP-314

SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.

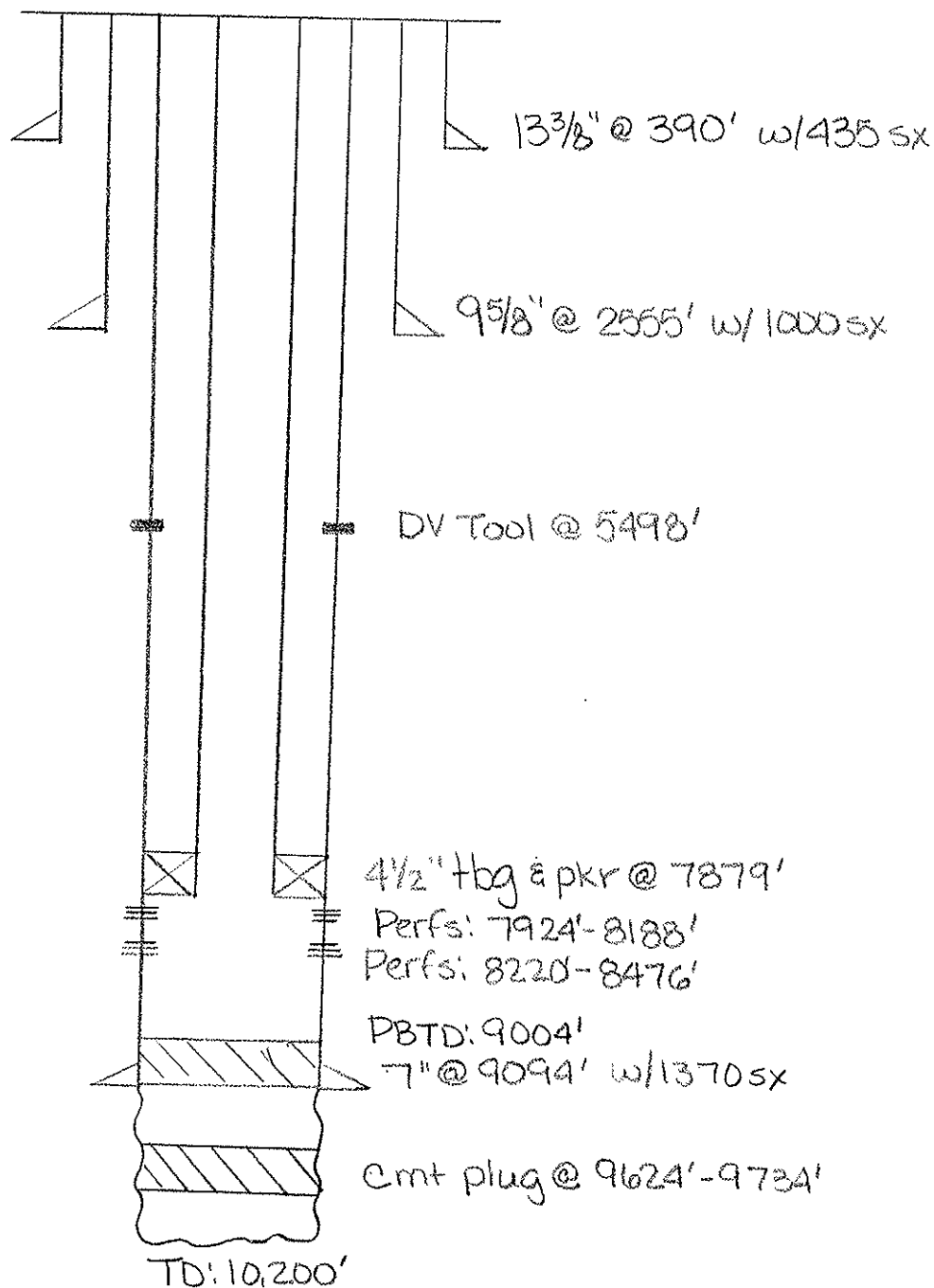
Map ID No. 151

Artificial Penetration Review

OPERATOR Navajo Refining
LEASE Waste Disposal Well
WELL NUMBER 1
DRILLED 8/04/1993
PLUGGED NA

STATUS Active - Injection
LOCATION Sec. 31-T 17S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-27592

REMARKS:



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-185
Revised 1-1-89

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL AP NO.
30-015-27592
1. Indicate Type of Lease
STATE ☒ FEE ☐
2. State Oil & Gas Lease No.
30-2071-28

DISTRICT II
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ Class ☐ Disposal ☐
1b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ FLOOD BACK ☐ DIFF. RESERVE ☐ OTHER ☐ Reentry ☐
2. Name of Operator
Navajo Refining Company
3. Address of Operator
Post Office Box 159, Artesia, New Mexico 88211
4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

7. Lease Name or Unit Agreement Name
8. Well No.
WDW-1
9. Pool name or Wildcat
Navajo Injecting -
96918 Permian Penn

Section 31 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 8/4/93
11. Date T.D. Reached 9/9/93
12. Date Compl. (Ready to Prod.) 8/4/98
13. Elevations (DFA & REB, RT, GR, etc.) 3678 feet GR
14. Elev. Casinghead
15. Total Depth 10,200 feet
16. Plug Back T.D. 9004 feet
17. If Multiple Compl. How Many Zones? 1
18. Intervals Drilled By Rotary Tools All
19. Producing Interval(s), of this completion - Top, Bottom, Name 7924 feet to 8476 feet (Cisco)
20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Drill Laterlog, Density Neutron, Sonic (already submitted)
22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	390	17-1/2	375 sacks "C" Lite +	None
9-5/8"	36	2555	12-1/4	150 sacks "C" Neet	
7"	26 & 29	9094	8-3/4	800 sacks "C" Lite +	None
				200 sacks "C" Neet	
				220 sx "C" Lite + 1150 sx "H" Lite	None

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
					SIZE DEPTH SET PACKER SET
					4-1/2 7879 7879

26. Perforation record (interval, size, and number) 2 ispf total = 842 holes
7924-42, 7974-8030, 8050-56, 8066-80, 8132-40,
8118-8127, 8160-64, 8170-88, 8220-54, 8260-70,
8280-8302, 8370-78, 8360-66, 8400-10, 8419-23,
8430-46, 8460-64, and 8470-76

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7924 - 8188	5000 gal 15% HCl + salt
	8220 - 8476	5000 gal 15% HCl + salt

PRODUCTION

28. First Production N/A
Production Method (Flowing, gas lift, pumping - Size and type pump) N/A
Well Status (Prod. or Shut-in) Shut in
29. Hours Tested
30. Choke Size
31. Prod'n For Test Period
32. Oil - Bbl
33. Gas - MCF
34. Water - Bbl
35. Gas - Oil Ratio
36. Casing Pressure
37. Calculated 24-Hour Rate
38. Oil - Bbl
39. Gas - MCF
40. Water - Bbl
41. Oil Gravity - API - (Corr.)
42. Disposition of Gas (Sold, used for fuel, vented, etc.)
43. Test Witnessed By 6-14-99
44. Disp Well

Reentry and completion report to follow.

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Darrell Moore Printed Name Darrell Moore Title Env. Mgr. Co. Worker Date 9/21/98

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-2071-28

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

1. Type of Well:
OIL ☐
WELL ☐

GAS ☒
WELL ☐

OTHER ☐

RECEIVED

2. Name of Operator

Hewbourne Oil Company ✓

AUG - 9 1993

8. Well No.

1

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88240

C. I. D.

9. Pool name or Wildcat

Illinois Camp Morrow North

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31

Township 17S

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3678' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

08/04/93 MIRU WEK Drllg. Co. Rig #2. Spudded 17-1/2" surface hole @ 11:00 p.m. 08/04/93

08/05/93 T.D. surface hole @ 390' KB. Ran 9 Jts. of new 48#, J-55, 8rd, ST&C 13-3/8" casing. Set @ 390' KB, Halliburton cmted. w/375 sks. of Class "C" Lite containing 1/2#/sk. celloseal + 3% CaCl2 followed by 150 sks. of Class "C" Neet containing 3% CaCl2. Slurry weights and volumes were 12.4#, 697 cu. ft. and 14.8#, 202 cu. ft. Total slurry volume was 899 cu.ft. Compressive strength for tail slurry was 1380 psi in 12 hrs. @ 70°F. Estimated formation temperature was 68°F. Estimated slurry temperature was 78°F. WOC 12 hrs. NU annular BOP and pressure tested casing and BOP to 600# each for 30 min. Held ok. Circulated 86 sks. cement to the pit. Plug down to 348' @ 10:15 a.m. 08/05/93.

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

SIGNATURE

Bill Pierce

TITLE

Drllg. Supt.

DATE

08/06/93

(505)

OR PRINT NAME

Bill Pierce

TELEPHONE NO. 393-5905

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

AUG 27 1993

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

c/sf
up

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088
RECEIVED

AUG 1 9 1993

SUNDRY NOTICES AND REPORTS ON WELLS. (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-27592
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Mewbourne Oil Company		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator P.O. Box 5270 Hobbs, New Mexico 88241		7. Lease Name or Unit Agreement Name Chalk Bluff "31" State
4. Well Location Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line Section 31 Township 17S Range 28E NMPM Eddy County		8. Well No. 1
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3678' GR		9. Pool name or Wildcat Illinois Camp Morrow North

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

08/09/93 Drilled 12-1/4" hole to 2555' KB. Ran 57 jts. of new 9-5/8", 36#, J-55, 8rd, ST&C casing and set @ 2555' KB. Halliburton cmtd. w/800 sks. of Class "C" Lite containing 1/2#/sk. flocele + 2#/sk. Gilsonite + 12#/sk. salt followed by 200 sacks of Class "C" Neet containing 2% CaCl2. Plug down to 2518' @ 3:00 p.m.

08/09/93. Circulated 133 sks. to pit. Lead cement slurry yield & weight was 12.4#/gal., 1,440 cu. ft. and tail slurry weight volume was 14.8#/gal. & 270 cu. ft. Total slurry volume was 1710 cu. ft. Compressive strength for tail slurry was 1570 psi in 12 hrs. @ 82°F. Estimated formation temp. was 80°F. Estimated slurry temp was 78°F. WOC 12 hrs. NU BOP and pressure tested casing, blind rams, pipe rams, and annular preventor to 1200# each for 15 min. All held ok.

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

SIGNATURE Bill Pierce TITLE Drig. Supt. DATE 08/11/93
(505)

TYPE OR PRINT NAME Bill Pierce TELEPHONE NO. 93-5905

space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS

AUG 27 1993

APPROVED BY _____ SUPERVISOR, DISTRICT II _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Newbourne Oil Company

3. Address of Operator
P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line
Section 31 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 08/04/93 11. Date T.D. Reached 09/09/93 12. Date Compl. (Ready to Prod.) ---- 13. Elevations (DF& RKB, RT, GR, etc.) 3678' GR 14. Elev. Casinghead ----

15. Total Depth 10,200' 16. Plug Back T.D. ---- 17. If Multiple Compl. How Many Zones? ---- 18. Intervals Drilled By Rotary Tools All Cable Tools ----

19. Producing Interval(s), of this completion - Top, Bottom, Name ----- 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Dual Laterlog, Density Neutron, Sonic (Already Submitted) 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	390'	17-1/2"	375 sks. "C" Lite +	None
				150 sks. "C" Neet	
9-5/8"	36#	2555'	12-1/4"	800 sks. "C" Lite +	None
				200 sks. "C" Neet	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) N/A	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

List Attachments

Deviation Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Bill Pierce Printed Name Bill Pierce Title Dir. Supt. Date 09/23/93

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-27592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Chalk Bluff "31" State
8. Well No. 1
9. Pool name or Wildcat Illinois Camp Morrow, North

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Mewbourne Oil Company
3. Address of Operator P. O. Box 5270 ; Hobbs, New Mexico 88241	4. Well Location Unit Letter 0 : 2310 Feet From The East Line and 660' Feet From The South Line Section 31 Township 17S Range 28E NMPM Eddy County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3678' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-9-93: Drilled 8 3/4" production hole to a T.D. of 10,200' K.B. Ran electric logs and evaluated well.

9-10-93: Decided to plug well. Received verbal permission from Mike Stubblefield w/NMOCD office in Artesia to plug well. Placed cement plugs at following depths:

45 sacks of Class "H" Neet @ 9734'	40 sacks of Class "H" Neet @ 440'
45 sacks of Class "H" Neet @ 8528'	10 sacks of Class "H" Neet From
55 sacks of Class "H" Neet @ 7866'	30' to surface.
45 sacks of Class "H" Neet @ 6648'	Rig released @ 7:00 PM, 9-11-93.
45 sacks of Class "H" Neet @ 5320'	Installed dry hole marker.
45 sacks of Class "H" Neet @ 3734'	
65 sacks of Class "H" Neet w/2% CaCl ₂ @ 2605'. WOC 4 hours. Tagged top of cement plug @ 2350'.	

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

SIGNATURE Bill Price TITLE Drilling Superintendent DATE Sept. 13, 1993

TYPE OR PRINT NAME

TELEPHONE NO.

(space for State Use)

APPROVED BY Mike Stubblefield TITLE Field Rep. 1 DATE April 11-94

CONDITIONS OF APPROVAL, IF ANY:

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
3 S St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-015-26592 27592
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Navajo Refining Company		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211		7. Lease Name or Unit Agreement Name Mewbourne WDW-1
4. Well Location Unit Letter O : 660 feet from the South line and 2310 feet from the East line Section 31 Township 17S Range 28E NMPM County Eddy		8. Well Number WDW-1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3678' GL		9. OGRID Number
		10. Pool name or Wildcat: Navajo Permo-Penn 96918

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL. ☐
DOWNHOLE COMMINGLE ☐

OTHER: **PERFORM PRESSURE FALLOFF TEST**

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 14, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 15, 2011 - Continue injection into all three wells.

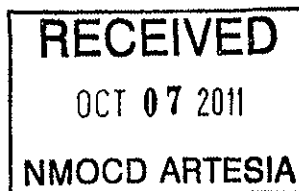
November 16, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 17, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 18, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 19, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Accepted for record
Accepted for record
NMOCD



Grid Date:

Rig Release Date:

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

SIGNATURE

Timothy J. ...

TITLE

Project Engineer

DATE

10/3/11

Type or print name Timothy Jones E-mail address: jjones@subsurfacegroup.com PHONE: 713-880-4640
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 27512 <i>05c 11/4/2011</i> 30-015-26592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Mewbourne WDW-1
8. Well Number WDW-1
9. OGRID Number
10. Pool name or Wildcat: Navajo Permo-Penn 96918

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection Well

2. Name of Operator

Navajo Refining Company

3. Address of Operator

Post Office Box 159, Artesia, New Mexico 88211

4. Well Location

Unit Letter O : 660 feet from the South line and 2210 feet from the East line

Section 31 Township 17S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3678' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: PERFORM PRESSURE FALLOFF TEST

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 8, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 9, 2011 - Continue injection into all three wells.

November 10, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 11, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 12, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 13, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Spud Date:

Rig Release Date:

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

SIGNATURE

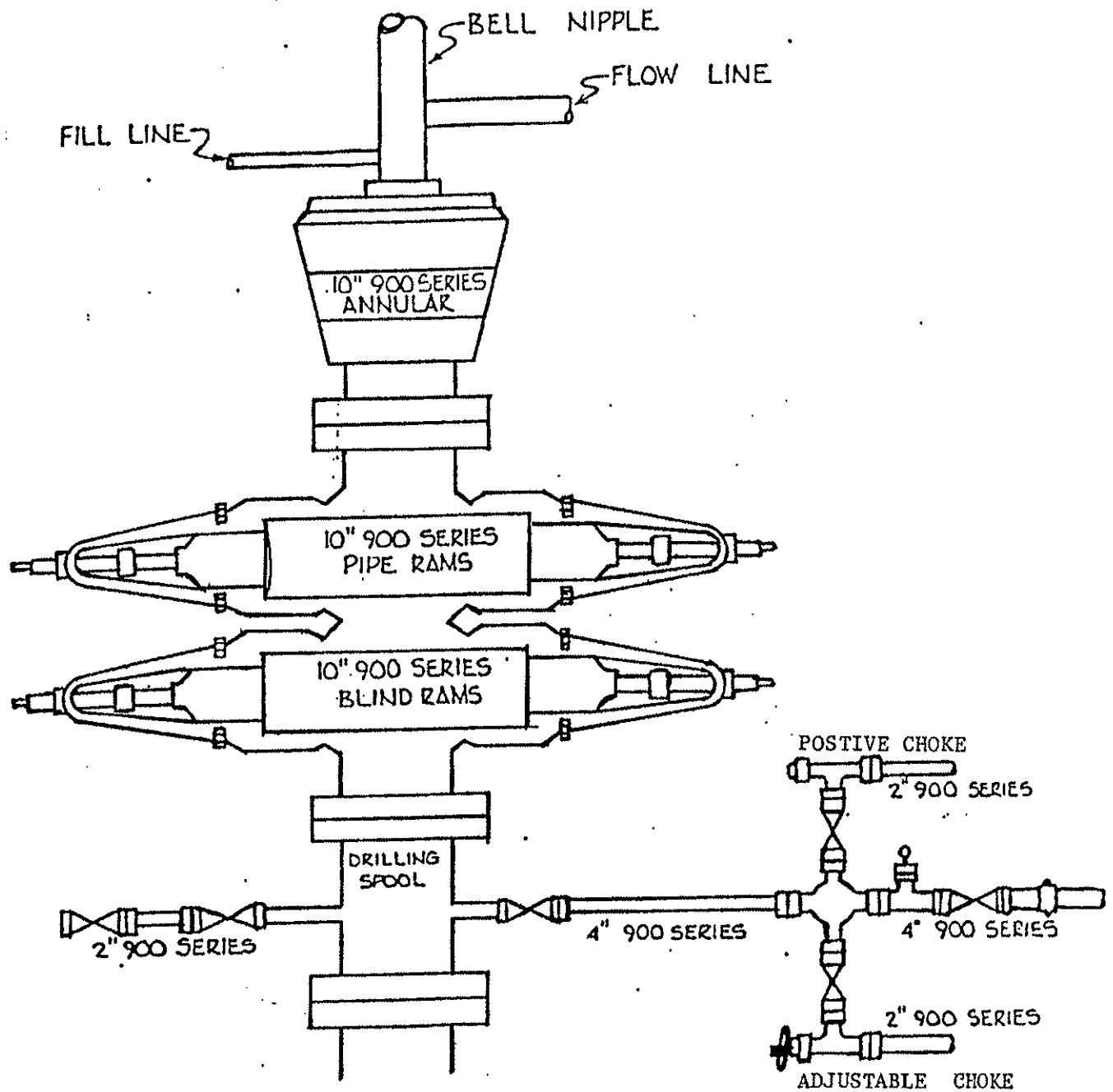
Timothy Jones TITLE Project Engineer

DATE 11/3/2011

Type or print name Timothy Jones E-mail address: tjones@Subsurfacegroup.com PHONE: (713) 560-4905
For State Use Only

APPROVED BY: Carol J. [Signature] TITLE Environmental Engineer DATE 11/4/2011
Conditions of Approval (if any):

- Fall-off tests to be run at each VIC1 - class I (NH-) well.
- Issue of injection well interconnection w/ injection zone and future Fall-off test schedule to be resolved at a later date based on the preferred tests for demonstrating inter-connection between injection well(s) and injection zone.



Mewbourne Oil Company
 Chalk Bluff "31" State #1
 2310' FEL & 660' FSL
 Section 31-T17S-R28E
 Eddy County, New Mexico
 Lease # B-2071-28

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

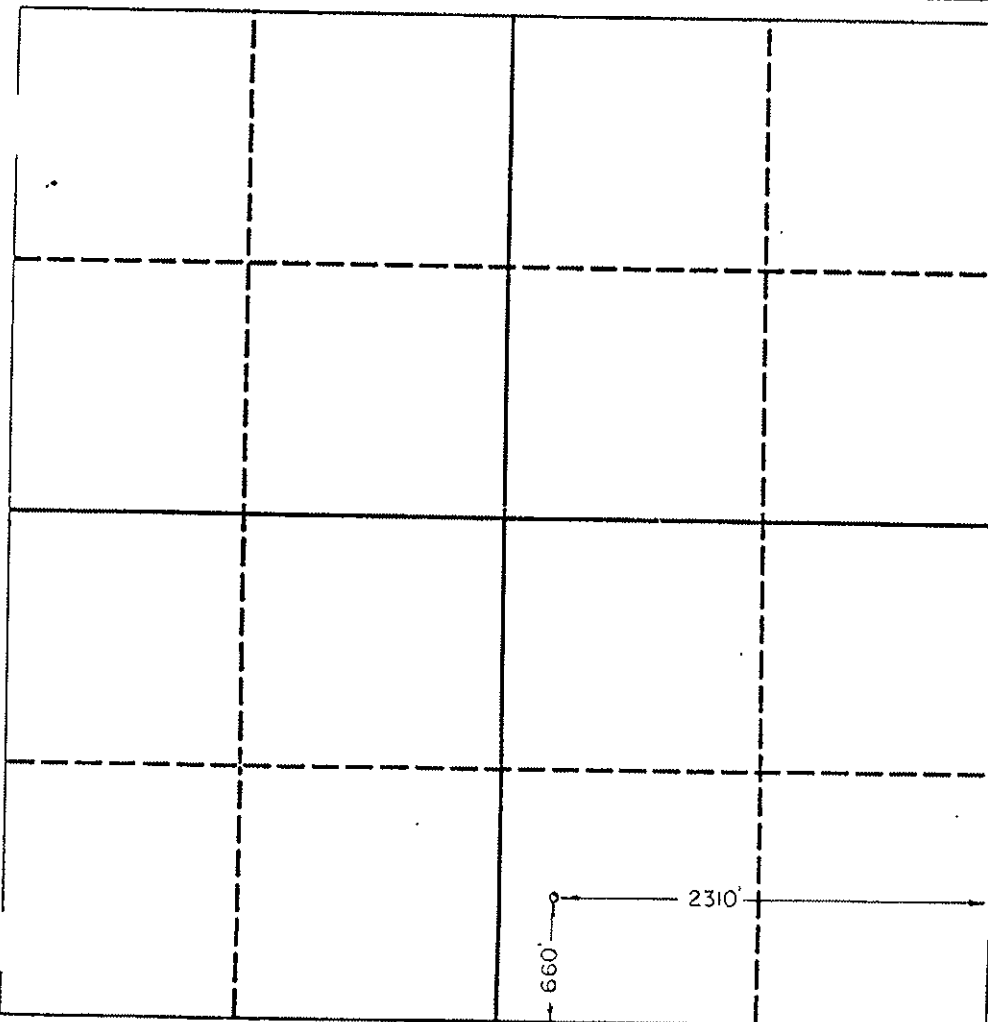
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter 0	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	
Actual Footage Location of Well: 2310 feet from the EAST line and 660 feet from the SOUTH line					
Ground level Elev. 3678	Producing Formation Morrow		Pool Illinois Camp Morrow North	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation Communitization
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Bill Pierce

Printed Name

Bill Pierce

Position

Drlg. Supt.

Company

Mewbourne Oil Company

Date

July 22, 1993

SURVEYOR CERTIFICATION

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

10/26/92

Signature & Seal of
Professional Surveyor

[Signature]
Certificate No. 3640



GRAPHIC CONTROLS CORPORATION
SUF-ALD, NEW YORK

CHART NO. MC MP-1000

METER _____

CHART PUT ON _____ M

LOCATION _____

REMARKS

AP# 30-015-27592

P=760 T_{STRT} = 10:42 A.M.

T_{STD} = 11:14 A.M.

PASSED!

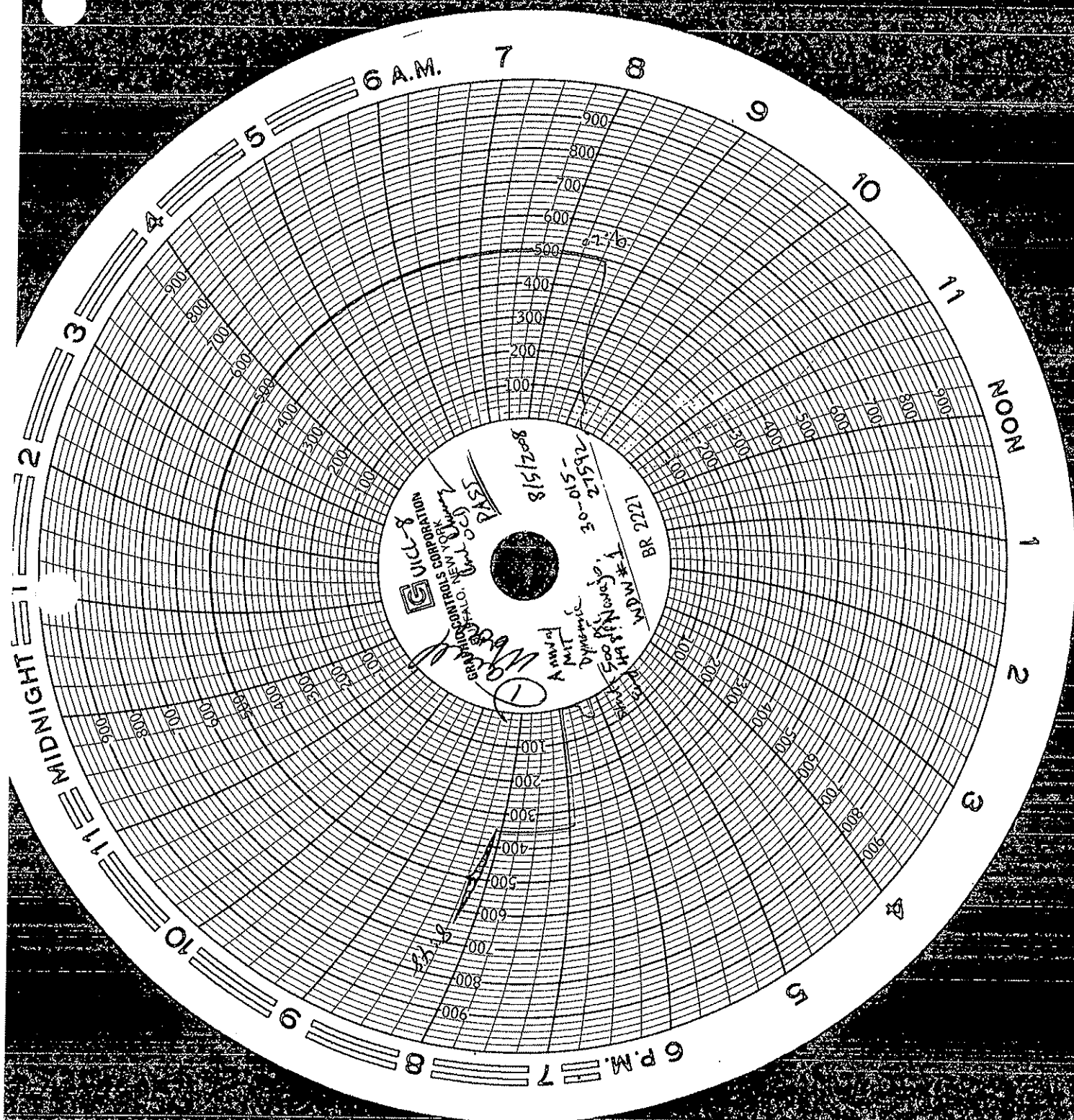
WDW-1

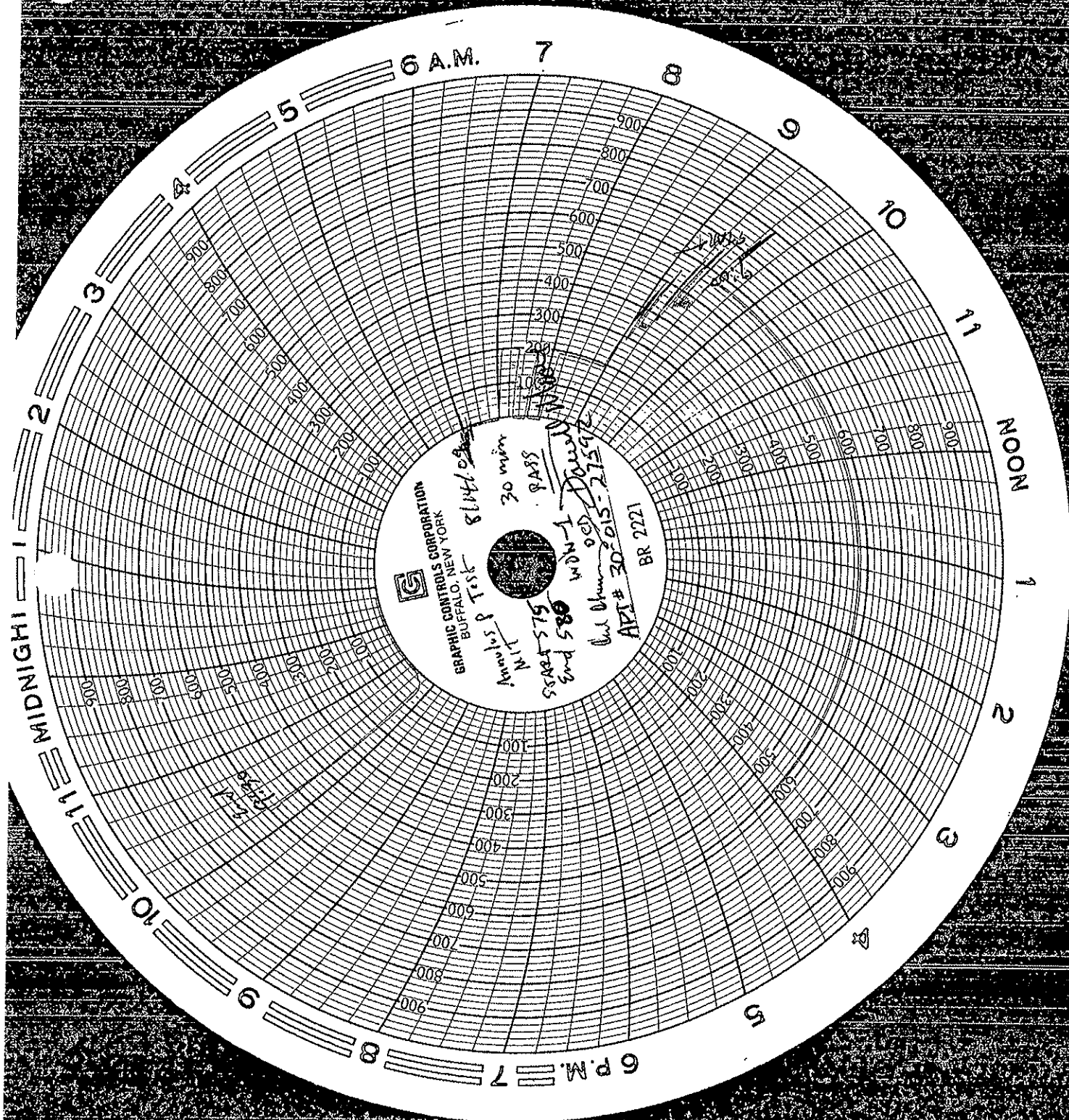
03-07-07

Low

TAKEN OFF

5
STRT T = 10:42 A.M.
6 PM
7
STOP T = 11:14 A.M.
8
BATTERY ON CHART 7
9





District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
40 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-108
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

JUL
RECEIVED
OCD - ARTESIA

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Navajo Refining Company Post Office Box 159 Artesia, New Mexico 88211		OGRID Number 15694
Property Code 23592	Property Name WDW-4	AFI Number 30-015-27592-0001
		Well No. #1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	17S	28E		660	South	2310	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Wolfcamp, Cisco, and Canyon Injection Zone					Proposed Pool 2				

Work Type Code Re-enter	Well Type Code WDW	Cable/Rotary Rotary	Lease Type Code	Ground Level Elevation 3678 feet
Multiple	Proposed Depth 9624 Feet	Formation Wolfcamp/Cisco/ Canyon	Contractor	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	390	525	surface
12-1/4	9-5/8	36	2555	1000	surface
8-1/2	7	26	9600	*	surface

* Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-enter plugged and abandoned Mewbourne Oil Company Chalk Bluff 31 State No. 1. With drilling rig, wash out hole and drill out cement plugs to 9624 feet (original total depth was 10,200 feet). Log hole. Set straddle packers and run injectivity test or if required by hole condition, set 7 inch casing at 9600 feet and cement to surface; run injectivity tests.

*Sacks of cement for 7 inch casing to be determined from calipered hole volume, plus 20%.
NOTE: See accompanying Form C-108 for additional information.

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

Signature: Darrell Moore
Printed name: Darrell Moore
v. Mgr. for Water & Waste
2/26/98
Phone: 505-744-3311

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
Title: DISTRICT II SUPERVISOR

Approval Date: 8-6-98 Expiration Date: 8-6-99

Conditions of Approval
Attached: 2

Post ID-1
5-28-99
He. entry

See attached survey plat

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
161	13.375	472	450	17.5	1.1	0.8	570	Surface
	8.625	2589	900	12.25	1.1	0.8	1919	670
	5.5	9473	430	7.875	1.1	0.8		6000 ²
	4.5	10140	80	5.5	1.1	0.8	1291	Top of Liner
167	13.375	418	500	17.5	1.1	0.8	633	Surface
	8.625	2600	1150	11	1.1	0.8	3981	Surface
	5.5	10400	1000	7.875	1.1	0.8	5079	5321

Cement Height = Cement Volume * Cement Factor * Hole Rugosity * $1/(PI * (Hole Radius^2 - Casing Radius^2))$

* For Map ID No. 83, cement volume for 5.5 inch casing includes squeezes.

** For Map ID No. 124, hole diameter for 4-1/2 inch liner was not reported; 6.125 inches is estimated.

¹ Per temperature survey conducted on May 9, 1991.

² Per cement bond log on July 20, 1993. Log is included in Attachment VI-2.

ATTACHMENT VI-3

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
81	13.375	663	650	17.5	1.1	0.8	823	Surface
	8.625	4000	1400	11	1.1	0.8	4846	Surface
	5.5	10450	2007	7.875	1.1	0.8	10194	256
83*	13.375	354	350	17.5	1.1	0.8	443	Surface
	8.625	1745	650	.11	1.1	0.8	2250	Surface
	5.5	8466	520	7.875	1.1	0.8	6250 ¹	6250 ¹
124**	13.375	400	500	17.5	1.1	0.8	633	Surface
	9.625	2600	1100	12.25	1.1	0.8	3091	Surface
	7	9445	1895	7.875	1.1	0.8	23491	Surface
	4.5	10198	175	6.125	1.1	0.8	1635	Top of Liner
134	13.375	416	450	17.5	1.1	0.8	570	Surface
	9.625	2610	1025	12.25	1.1	0.8	2880	Surface
	5.5	10148	1020	8.75	1.1	0.8	3554	6594
144	13.375	400	100	17.5	1.1	0.8	127	273
	9.625	2600	250	12.25	1.1	0.8	702	1898
	7	8968	1200	8.75	1.1	0.8	7025	1943
	4.5	10150	200	6.125	1.1	0.8	1869	Top of Liner
157	13.375	400	425	17.5	1.1	0.8	538	Surface
	9.625	2604	1025	12.25	1.1	0.8	2880	Surface
	7	9450	1350	8.75	1.1	0.8	7903	1547
	4.5	10119	175	6.125	1.1	0.8	1635	Top of Liner

5. Injection Zone Fluid Analysis

The composition of the native formation fluid in the proposed Wolfcamp, Cisco, and Canyon injection zone is expected to be similar to that in these formations in other parts of southeastern New Mexico. The salinity of Wolfcamp, Cisco, and Canyon formation brines from hydrocarbon producing areas in northern Lea County, to the east of Eddy County, was reported by Meyer (1966, Table 4). Attachment VII-3 summarizes the salinity data reported by Meyer (1966, Table 4) for Wolfcamp, Cisco, and Canyon formation brines from limestones that were deposited in a shelf environment similar to that of the proposed injection site. The salinity of the formation brines range from 67,098 to 119,909 parts per million (ppm). The formation brines were produced from intervals that occur between 9001 feet and 10742 feet below ground. Also listed in Attachment VII-7 are data from Strawn limestones that were deposited in a platform environment and that occur at 7700 feet below ground; the salinity of the Strawn formation brine is 39,374 ppm. DST data from proposed WDW-1 indicate that the salinity of fluid recovered from the Cisco Formation in DST No. 5 is 25,000 ppm (Attachment VIII-9).

Navajo will attempt to retrieve a sample of formation brine during the proposed well testing operations. Formation brine samples will be retrieved prior to any stimulation treatments or injection into the well. As discussed above, the salinity of the formation brine in the Wolfcamp, Cisco, and Canyon injection zone is expected to be between 25,000 and 120,000 ppm.



June 25, 1998

JUN 25 1998
RECEIVED
OCD - ARTESIA

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Response to Request for Information from June 10, 1998, on Navajo Refining
Company's Discharge Plan Application
Envirocorp Project No. 60A4696

Dear Mr. Ashley:

Enclosed please find two copies of the referenced document. A third copy of the document was transmitted to the New Mexico Oil Conservation Division (OCD), District II office in Artesia, New Mexico. The document consists of Addendum No. 1 and replacement pages for the Navajo Refining Company's (Navajo) Discharge Plan Application and Application for Authorization to Inject, dated April 1998. The document may be inserted into the back of the binder that holds Navajo's application. Instructions for inserting the replacement pages are included in Attachment A.

Please do not hesitate to contact Darrell Moore of Navajo at (505) 748-3311 or me at (713) 880-4640 if you have additional questions or need more information as you complete your review of the application.

Sincerely,

Nancy L. Niemann
Senior Geologist

NLN/paf
Attachments

- c: New Mexico Oil Conservation Division, District II (with attachments)
Darrell Moore - Navajo Refining Company (with attachments)
George Walbert - Holly Petroleum, Inc. (with attachments)

**ADDENDUM NO. 1
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON THE
DISCHARGE PLAN APPLICATION**

**NAVAJO REFINING COMPANY
Artesia, New Mexico**

Envirocorp Project No. 60A4696

June 1998

Prepared By:

**ENVIROCORP SERVICES & TECHNOLOGY, INC.
Houston, Texas**

ATTACHMENT A

**INSTRUCTIONS FOR UPDATING
NAVAJO'S DISCHARGE PLAN APPLICATION**

Insert Addendum No. 1 at the back of the binder that holds the application.

Remove and discard Page 2 of Attachment III-5 (Closure Plan) and replace with the enclosed page.

Remove and discard Page VI-4 of Section 6 and replace with the enclosed page.

Insert the enclosed log and Sundry Notice into the records of Map ID No. 161 in Attachment VI-2.

Remove and discard Attachment VI-3 (Top of Cement in Injection Zone Wells in the Area of Review) and replace with the enclosed table.

Remove and discard Page VII-3 of Section VII (Proposed Operations) and replace with the enclosed page.

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON
NAVAJO REFINING COMPANY'S
DISCHARGE PLAN APPLICATION**

The following request for additional information on Navajo's discharge plan application was received by Nancy Niemann of Envirocorp in a telephone conversation on June 10, 1998, with Mark Ashley of the OCD.

REQUEST 1:

The application states that Navajo owns the land surrounding the surface location of proposed WDW-1 (the Mewbourne Oil Company Chalk Bluff 31 State No. 1). Navajo should state the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3.

RESPONSE:

Navajo is the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3, as stated in Item No. 4, Facility Ownership, of the Discharge Plan Application. Navajo owns the two acres that are shown to be surrounding proposed WDW-2 in the surveyor's plat that is included with Form C-102 for proposed WDW-2. Navajo also owns the two acres that are shown to be surrounding proposed WDW-3 in the surveyor's plat that is included with Form C-102 for proposed WDW-3.

REQUEST 2:

Navajo shall furnish to the OCD a demonstration of "the ability of the discharger to undertake measures necessary to prevent contamination of ground water," in accordance with 20 NMAC 5210.B.17.

RESPONSE:

The required demonstration will be forwarded under separate cover by Navajo.

REQUEST 3:

Formation fluid samples from the proposed injection intervals shall be retrieved before any other testing or injection.

RESPONSE:

A sentence has been added to the last paragraph of Section VII.5 that states that retrieval of formation brine samples will be attempted prior to any stimulation treatments or injection into the well. A replacement page is included.

REQUEST 4:

Was cement circulated to the surface around the surface casing and intermediate casing in proposed WDW-1?

RESPONSE:

Cement was circulated to the surface during the cementing of the surface casing of proposed WDW-1. The Daily Drilling Report for the well (first page of Attachment VIII-8) states that Halliburton circulated 86 sacks of cement to the pit on August 6, 1993, while cementing the surface casing.

Cement was circulated to the surface during the cementing of the intermediate casing of proposed WDW-1. The Daily Drilling Report for the well (second page of Attachment VIII-8) states that Halliburton circulated 133 sacks of cement to the pit on August 10, 1993, while cementing the intermediate casing.

REQUEST 5:

The OCD's calculations of the top of cement around the long-string casing of Map ID No. 161 (the Mewbourne Oil Company Federal "T" No. 1 well) indicate that insufficient cement may be present. Submit temperature or cement bond logs that indicate the top of cement. If no additional information is available to indicate the top of cement, Navajo may be required to perform corrective action on this well.

RESPONSE:

Additional information has been obtained from the records of the OCD and from Mewbourne Oil Company that demonstrates that the top of cement in Map ID No. 161 (the Mewbourne Federal "T" No. 1) is above the top of the injection zone. The information indicates that additional cement was pumped behind the long-string casing of the well and that the casing is cemented at least from the base of the casing up to 6000 feet. The top of the injection zone occurs at approximately 7384 feet in Map ID No. 161, or 1384 feet below the top of cement.

VI.D Condition of Artificial Penetrations

Each of the wells that penetrates the injection zone was evaluated to determine if it will allow movement of fluids into or between USDWs. For the purpose of this demonstration, the artificial penetrations may be categorized as follows:

Class II Saltwater Disposal Wells (1 well):

Map ID No. 83, the I&W Inc., Walter Solt SWD-1, is a Class II saltwater disposal well that is currently active. The well injects into the Wolfcamp in four sets of perforations: 7518 to 7534 feet, 7742 to 7756 feet, 7778 to 7787 feet, and 7810 to 7812 feet. The injection zone coincides with the shallowest formation proposed for injection by the proposed Navajo injection wells. The well has surface and intermediate or production casing set to prevent contamination of the USDW. The casing/formation annulus is cemented across the injection zone, as presented in Attachment VI-3. At the end of the well's useful life, the operator will plug and abandon the well according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The Class II well in the AOR is listed below:

Map ID No. 83.

No corrective action is required for this well.

Active Producing Wells (6 wells):

Active producing wells include producing and shut-in oil and gas wells. The mechanical integrity of active producing wells is monitored by the OCD. These wells have surface and intermediate or production casing set to prevent contamination of the USDW. In all wells, the casing/formation annulus is cemented across the injection zone. Reported top of cement, where available, or calculated top of cement for each casing string in each well is presented in Attachment VI-3. At the end of the wells' useful lives, the operators will plug and abandon the wells according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The active producing wells within the AOR are listed below:

Map ID Nos. 81, 124, 134, 144, 161, and 167.

ATTACHMENT III-5 (Continued)

11. Rig up cement service equipment. Cement shall be densified Class "H" (or comparable), weighing 16.4 pounds/gallon. Pressure test the surface lines as required.
12. Spot sufficient Class "H" (or comparable) cement slurry to develop a cumulative 100-foot column (minimum). Pull the tubing up 200 feet and reverse out excess cement. Catch a sample of cement to check curing time and compressive strength. Allow the cement to set overnight (eight-hour minimum) before tagging top of plug to confirm proper setup and location. Pressure test the plug to the pressure recommended by the OCD. If cement is set adequately, proceed to Step 13. Otherwise, spot additional cement on top of the first plug, as before, to achieve a cumulative 100-foot cement plug. Allow cement to set for a longer period, if necessary.
13. Displace the casing with heavy mud from top of plug to 2600 feet (50 feet below the base of the intermediate casing).
14. Pull tubing up to 2600 feet. Place densified Class "H" (or comparable) cement plug from 2600 feet to 2500 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
15. Displace the casing with heavy mud from 2500 feet to 450 feet (50 feet below the base of the surface casing).
16. Pull the tubing up to 450 feet. Place densified Class "H" (or comparable) cement plug from 450 feet to 350 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
17. Displace the casing with heavy mud from 350 feet to 100 feet.
18. Pull the work string to 100 feet below the surface and spot 100 feet of densified Class "H" cement as the surface plug. Lay down remaining tubing and remove the bradenhead. Cut casing strings three feet below ground level.
19. Weld a 1/2 inch steel plate across the 9-5/8 inch casing. The location of the well will be marked with a steel marker 4 inches in diameter and 4 feet high above mean ground level. The marker will show the operator name, lease name, well number, section, township, range and unit letter.
20. Release all equipment and clean up the location.
21. Submit closure data to the OCD, and arrange for inspection of the well and location.

The cement bond log run on July 20, 1993, from 8100 feet to 6000 feet, shows that good cement bond is present up to 6000 feet. A copy of the log is attached.

The attached Sundry Notice states that on August 26, 1993, the zone from 6868 feet to 7038 feet was perforated, and then fluid was pumped out of the well. As fluid was pumped between August 26, 1993 and September 5, 1993, the volume of fluid produced decreased from 276 barrels to 27 barrels. The ability to pump down the fluid level in the well demonstrates that the zone at 6868 feet to 7038 feet was isolated by cement from any other zones that might have produced fluid while the well was being pumped.

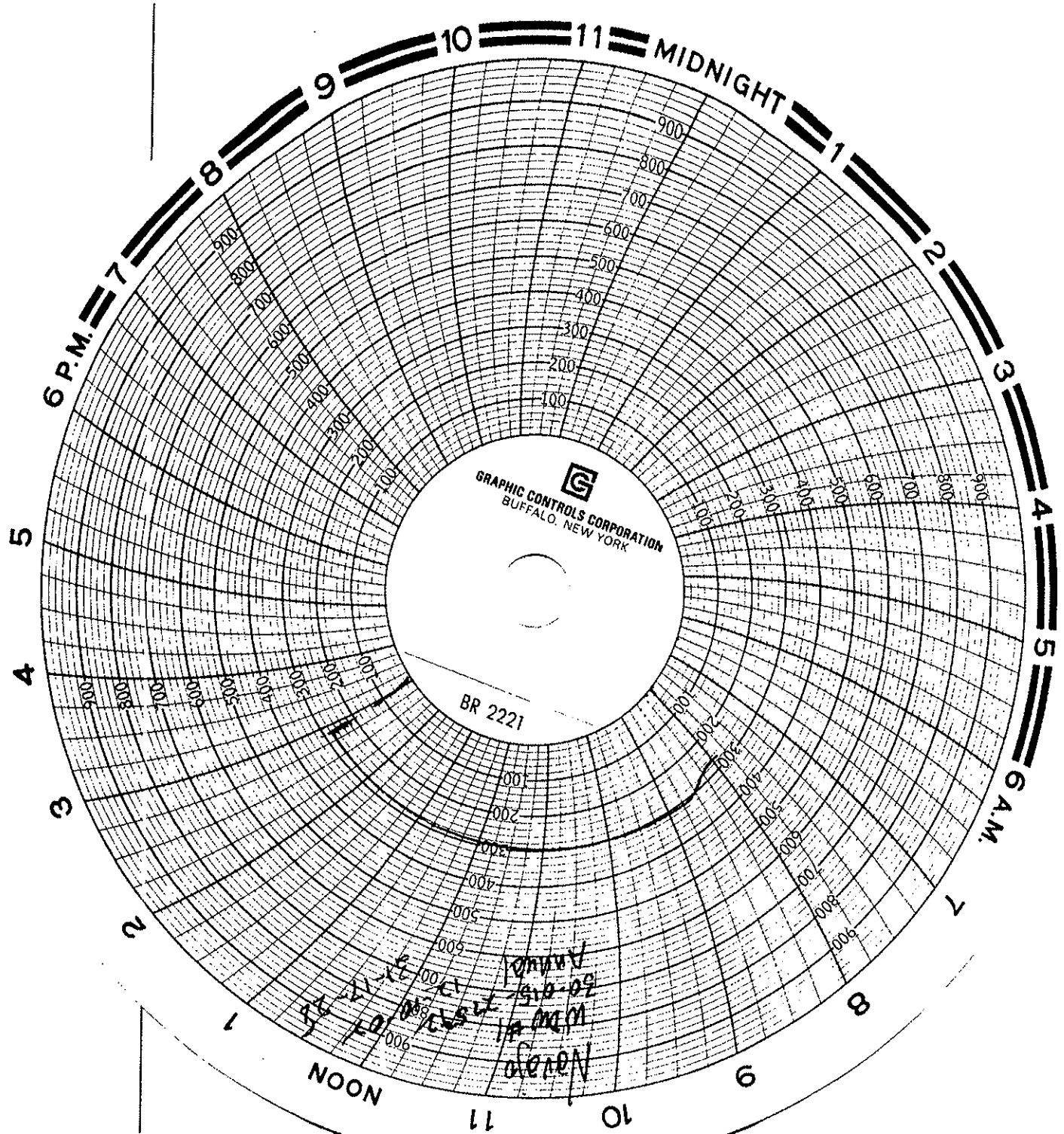
The cement sheath around the long-string casing of Map ID No. 161 extends above the top of the injection zone. Therefore, this wellbore will not provide a pathway for migration of fluids or transmittal of pressure from the injection zone.

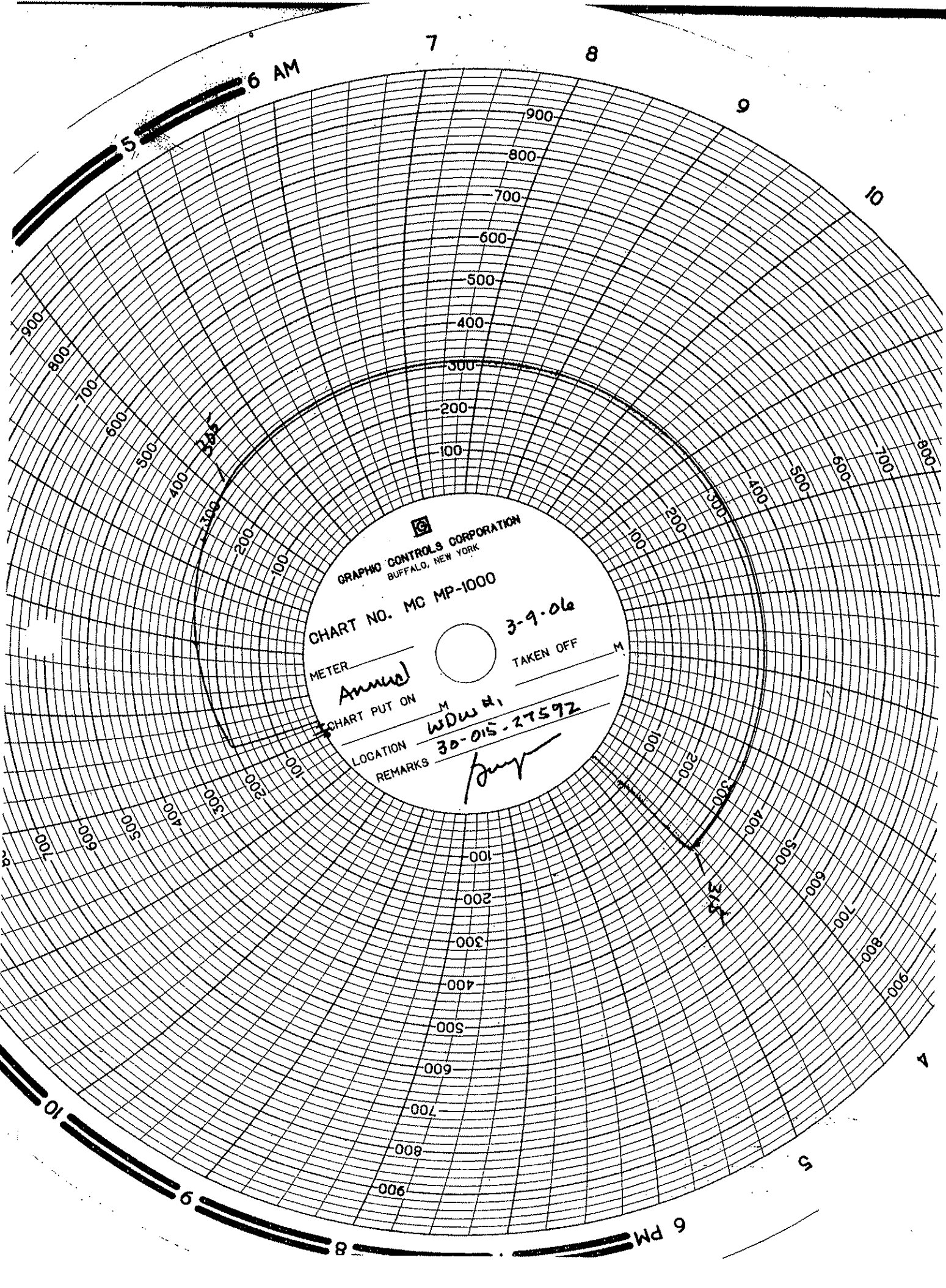
REQUEST 6:

Revise the Closure Plan to state that dry-hole markers will be installed when the wells are plugged.

RESPONSE:

The Closure Plan (Attachment III-5) has been revised as requested. A replacement page is included.





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER

Amper

3-9-06
TAKEN OFF

CHART PUT ON

LOCATION

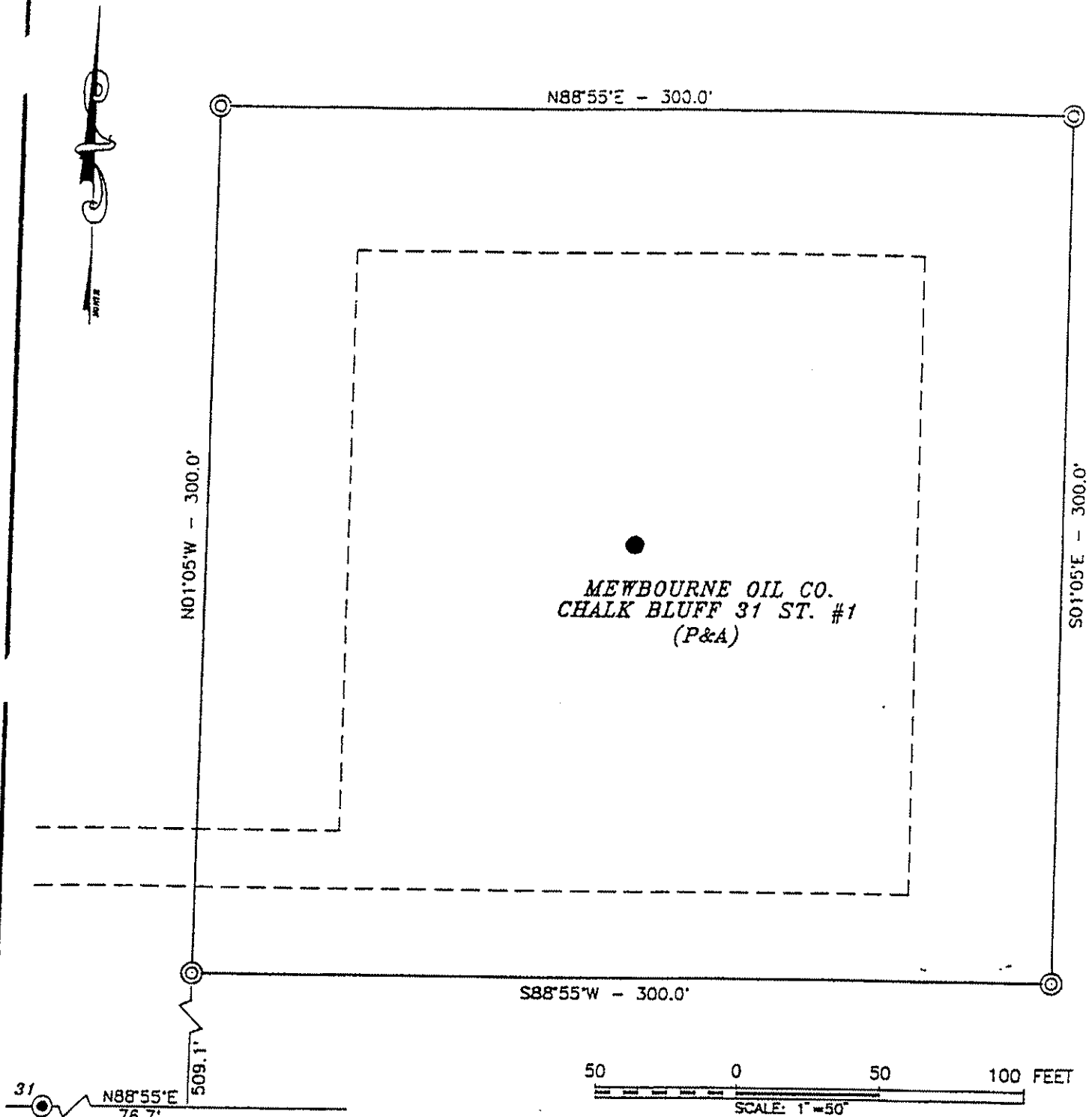
WDW H

REMARKS

30-015-27592

[Signature]

SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO



31
6
N88°55'E
76.7'
509.1'
USGLO 1/4 COR. B.C. "1941"

© DENOTES: SET 1/2" IRON ROD
W/ PVC CAP MARKED
"PS 3239 PS 12641"

NAVAJO REFINING COMPANY

CHALK BLUFF 31 STATE #1 LOCATED 660 FEET FROM
THE SOUTH LINE AND 2310 FEET FROM THE EAST LINE
SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

Survey Date: 11/24/97	Sheet 1 of 1 Sheets
W.O. Number: 97-11-1922	Drawn By: CDG
Date: 12/1/97	DISK: NAVAJO
	NAV1922

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter O	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	
Actual Footage Location of Well: 2310 feet from the EAST line and 660 feet from the SOUTH line					
Ground level Elev. 3678		Producing Formation Morrow		Pool Illinois Camp Morrow North	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

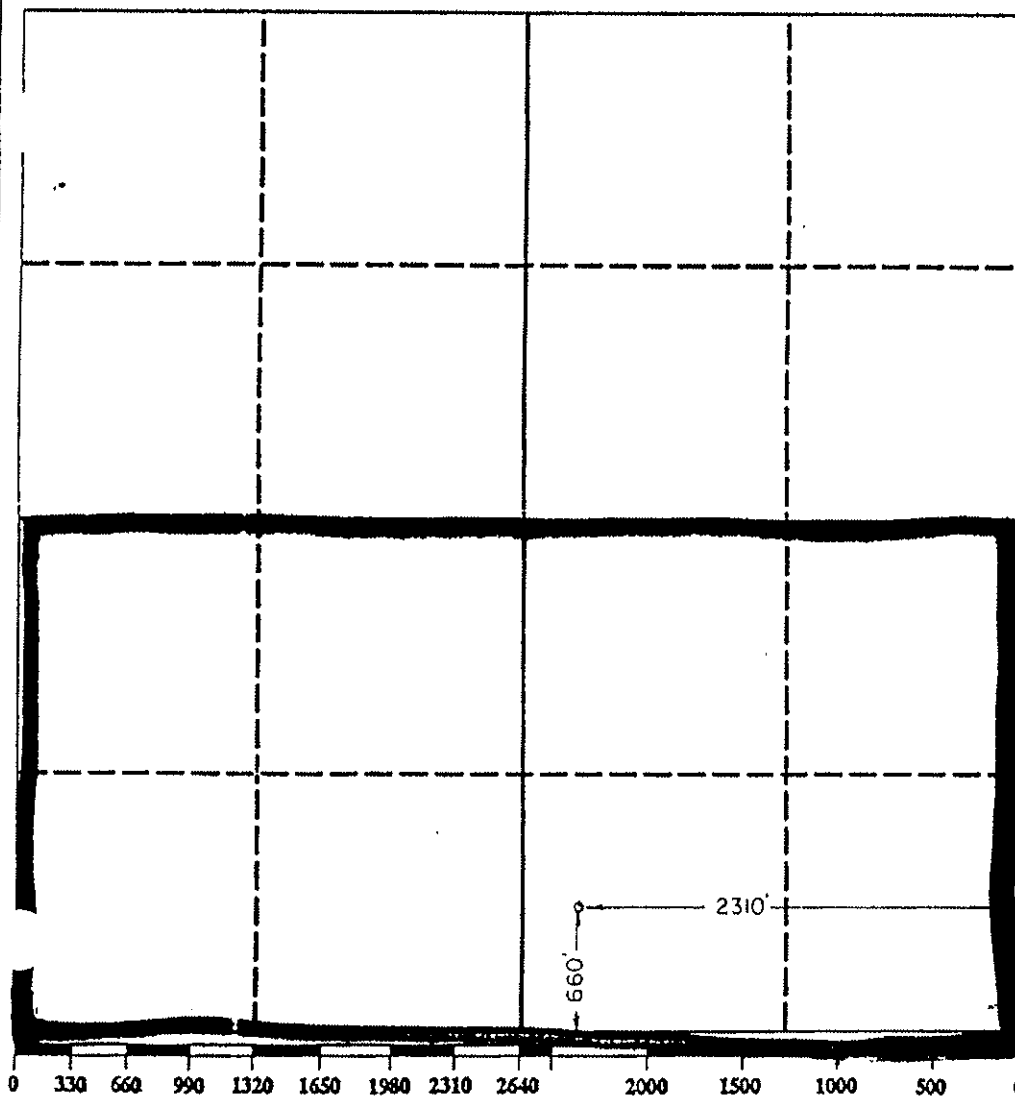
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Bill Pierce

Printed Name
Bill Pierce

Position
Drilg. Supt.

Company
Mewbourne Oil Company

Date
July 22, 1993

SURVEYOR CERTIFICATION

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
10/26/92

Signature & Seal of
Professional Surveyor

[Signature]
Certificate No. **3640**

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

0157
BUT
08

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
J. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-27572

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

8. Well No.

1

9. Pool name or Wildcat

Illinois Camp Morrow North

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Mewbourne Oil Company

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County

10. Proposed Depth

10,400'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3678' GR

14. Kind & Status Plug. Bond

Blanket on File

15. Drilling Contractor

WEK Drilg. Co.

16. Approx. Date Work will start

August 1, 1993

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	400'	350	Circulated
12-1/2"	9-5/8"	36#	2600'	800	Tie back into surface
8-3/4"	5-1/2"	17#	10400'	800	6,000'

BOP PROGRAM: Hydril annular preventor (bag-type preventor) 900 series on surface casing to intermediate casing point.

Schaffer LWS or equivalent (double-ram hydraulic) 900 series w/Hydril 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separators from top of Wolfcamp formation to T.D.

MUD PROGRAM: 0 - 400' Fresh water w/spud mud, paper for LCM as needed.
400 - 2,600' Brine water w/paper for LCM as needed and lime for pH.
2,600 - 9,500' Cut brine w/paper for LCM and lime for pH.
9,500 - 10,400' Cut brine w/Drispac, starch, salt gel, soda ash, and caustic soda. Wt. 9.2-9.8 ppg, WL 10 cc's or less, Vis. 30-34.

GAS IS NOT DEDICATED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Bill Pierce TITLE Drilling Superintendent DATE July 22, 1993

TYPE OR PRINT NAME Bill Pierce

TELEPHONE NO.

(This space for State Use)

APPROVED BY Mark Kehl TITLE GEOLOGIST DATE 7-27-93

CONDITIONS OF APPROVAL, IF ANY:

180 DAYS
1-2-94
DRILLING UNDERWAY



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS--PRESIDENT
ARNIE NEWKIRK--VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

September 13, 1993

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88241

RE: Chalk Bluff "31" State #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in
Eddy County, New Mexico.

390' - 1/2°	3988' - 1 1/4°	5729' - 4°	7382' - 2 1/4°
867' - 3/4°	4493' - 1 3/4°	5722' - 3 1/4°	7851' - 1 1/4°
1338' - 3/4°	4995' - 3 1/4°	5786' - 3 1/2°	8342' - 1 1/2°
1839' - 1 1/4°	5120' - 3 3/4°	5879' - 3°	8844' - 1 1/4°
1988' - 1/2°	5215' - 4 1/4°	5974' - 3°	9077' - 1/2°
2201' - 3/4°	5310' - 4 1/4°	6195' - 3 1/2°	9568' - 1°
2555' - 0°	5403' - 4°	6352' - 3 1/4°	9959' - 1 3/4°
3051' - 1/2°	5497' - 4 1/2°	6795' - 2 1/2°	10,200' - 2 3/4° T.D.
3520' - 3/4°	5527' - 4 1/4°	7210' - 2 1/4°	

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of September 1993 by
Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget: Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp

11. County or Parish, State

Morrow

Eddy Co. N.M.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL Sec. 12-T18S-R27E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment☐ Recompletion☒ Plugging Back☐ Casing Repair☐ Altering Casing☐ Other☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)

07/19/93 Set 4" CIBP @ 9950' over Morrow Perfs. (10,008'-10,054') Verball from Adam - BLM.
07/21/93 Set 5-1/2" CIBP @ 9040' @ top of liner. Dump 2 sx. cmt. Dump 2 sx. cmt.
07/22/92 Perf. Cisco Formation (8034'-8042' w/2 SPF & 8055'-8060' w/2SPF. Swabbed tested all water.
07/24/93 Set cmt. retainer @ 8000'. Pumped 100 sx. cmt. into perfs. (8034'-8060')
07/25/93 Perf. Cisco Formation 7832'-7840' w/2 SPF. Swab tested all water.
07/27/93 Set cmt. retainer @ 7820'. Pumped 100 sx. cmt. into perfs. (7832'-7840')
07/28/93 Perf. Cisco Formation 7790'-7798' w/2 SPF. Swab tested all water.
07/29/93 Set cmt. retainer @ 7780'. Pumped 100 sx. cmt. into perfs. (7790'-7798')
07/30/93 Perf. Cisco Formation 7760'-7768' w/2 SPF. Swab tested all water.
07/31/93 Set cmt. retainer @ 7745'. Pumped 100 sx. cmt. into perfs. (7760'-7768')
08/01/93 Perf. Cisco Formation 7685'-7695' w/4 SPF. Swab tested water w/show of gas.
08/03/93 Acidized Cisco Formation (7685'-7695') w/3000 gal 15% FE acid.
08/04/93 RIH w/tbg. pump to 5033' & started pumping well.
08/05/93 1100 BHPD No oil.
08/06/93 1200 BHPD No oil.

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

Signed

Title Engineer

Date August 20, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 8782'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9016'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 9573'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 506'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 596'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1176'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 1462'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1958'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3386'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 5398'	T. Morrow _____ 10016'	T. Wingate _____	T. _____
T. Wolfcamp _____ 6593'	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 7816'	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____ feet. No. 3, from _____ to _____ feet.
 No. 2 from _____ to _____ feet. No. 4, from _____ to _____ feet.

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	400'	400'	Surface rock, Anhydrite				
400'	6900'	6500'	Dolomite, Chert, Sandstone, Shale				
6900'	7800'	900'	Limestone, Shale, Chert				
7800'	8500'	700'	Dolomite, Shale				
8500'	9600'	1100'	Limestone, Shale				
9600'	10200'	600'	Limestone, Sandstone, Chert, & Shale				

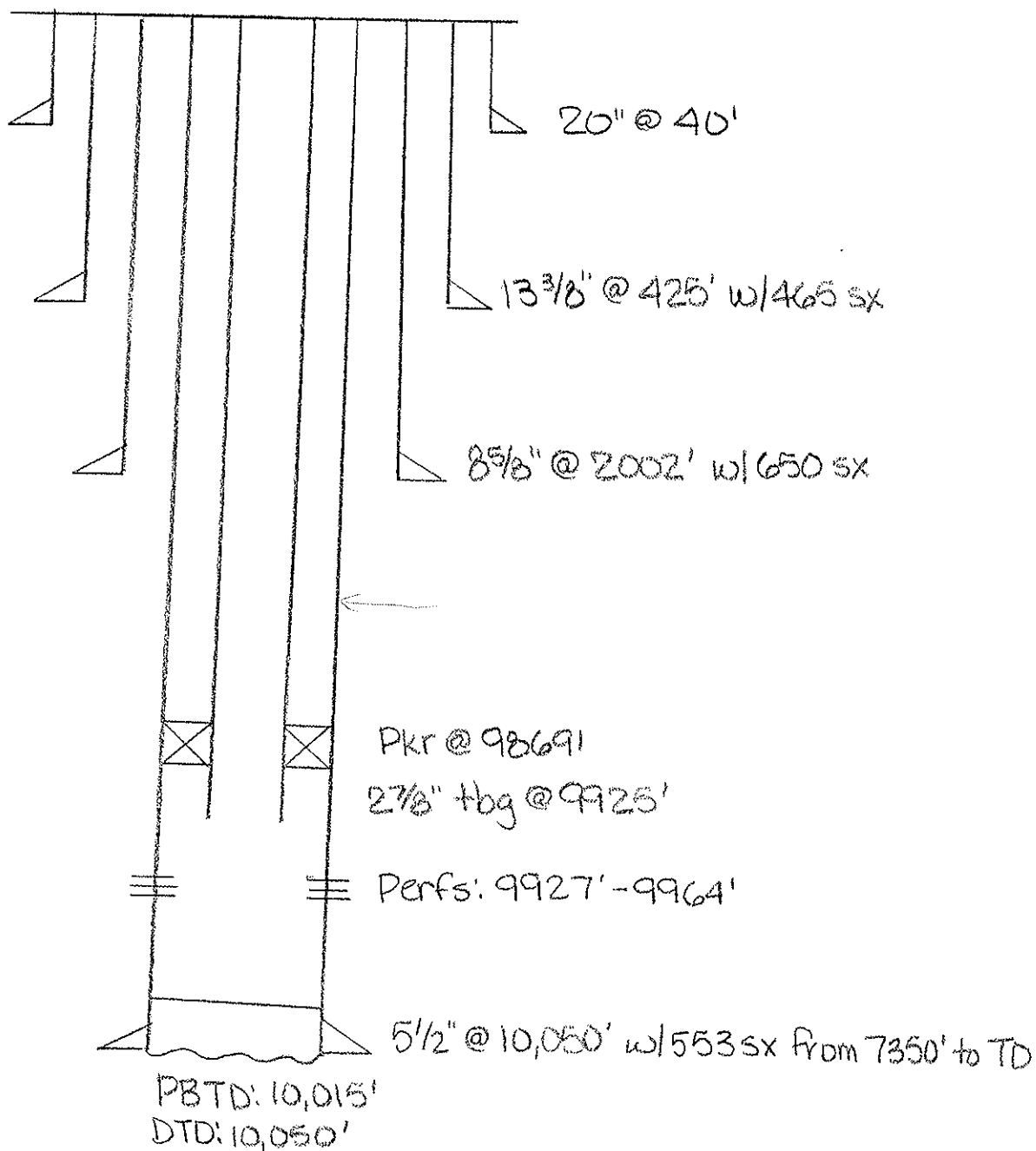
SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 12
Artificial Penetration Review

OPERATOR LRE Operating, LLC
LEASE No Bluff 36 State Com
WELL NUMBER 2
DRILLED 3/19/01
PLUGGED NA

STATUS Active Gas
LOCATION Sec. 36-T 17S-R 27E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7296'
API NO. 30-015-31123

REMARKS:



30-115-31123

Agard - 148111
Prop - 25858
Foot - 78890

Geol. Tops per 1301

Bowers	845	Alco	5018
Queen	1040	Wolfcamp	6735
Grayburg	1372	CISCO	8237
San Andres	1733	CANYON	8360
Glorieta	3197	STRAWN	8881
Tubb	4057	Atoka	9464
		McNew	9650

Comp Cont.

Confidential
8-23-01

5-23-01

DLL/GR

4995-10003

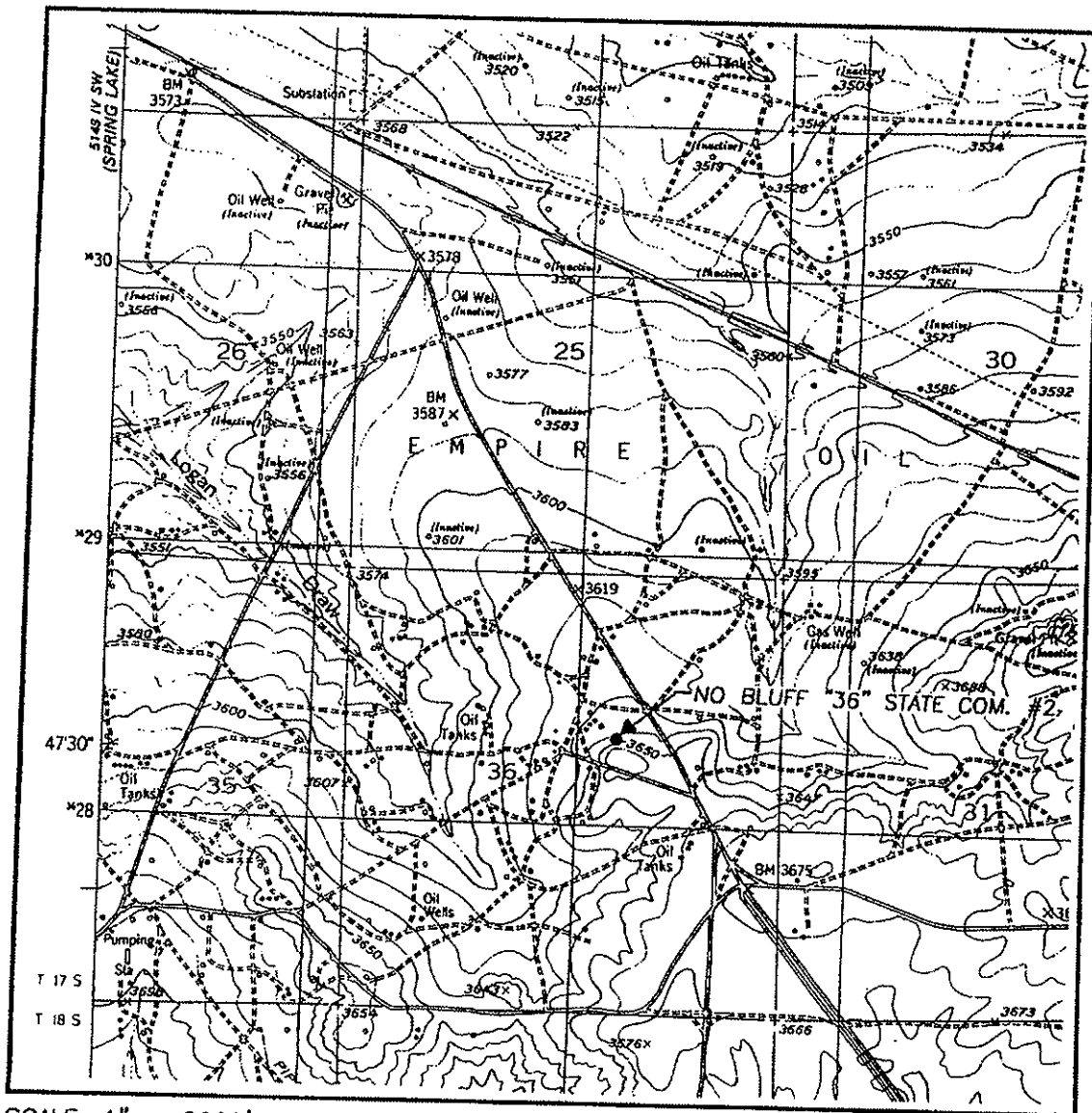
Comp Z-DL/Comp NEAT/GR

Surf-9984

... re/Reconverted Comp & Sh

62
1990-10013

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE, N.M. - 10'

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 1980' FEL

ELEVATION 3639

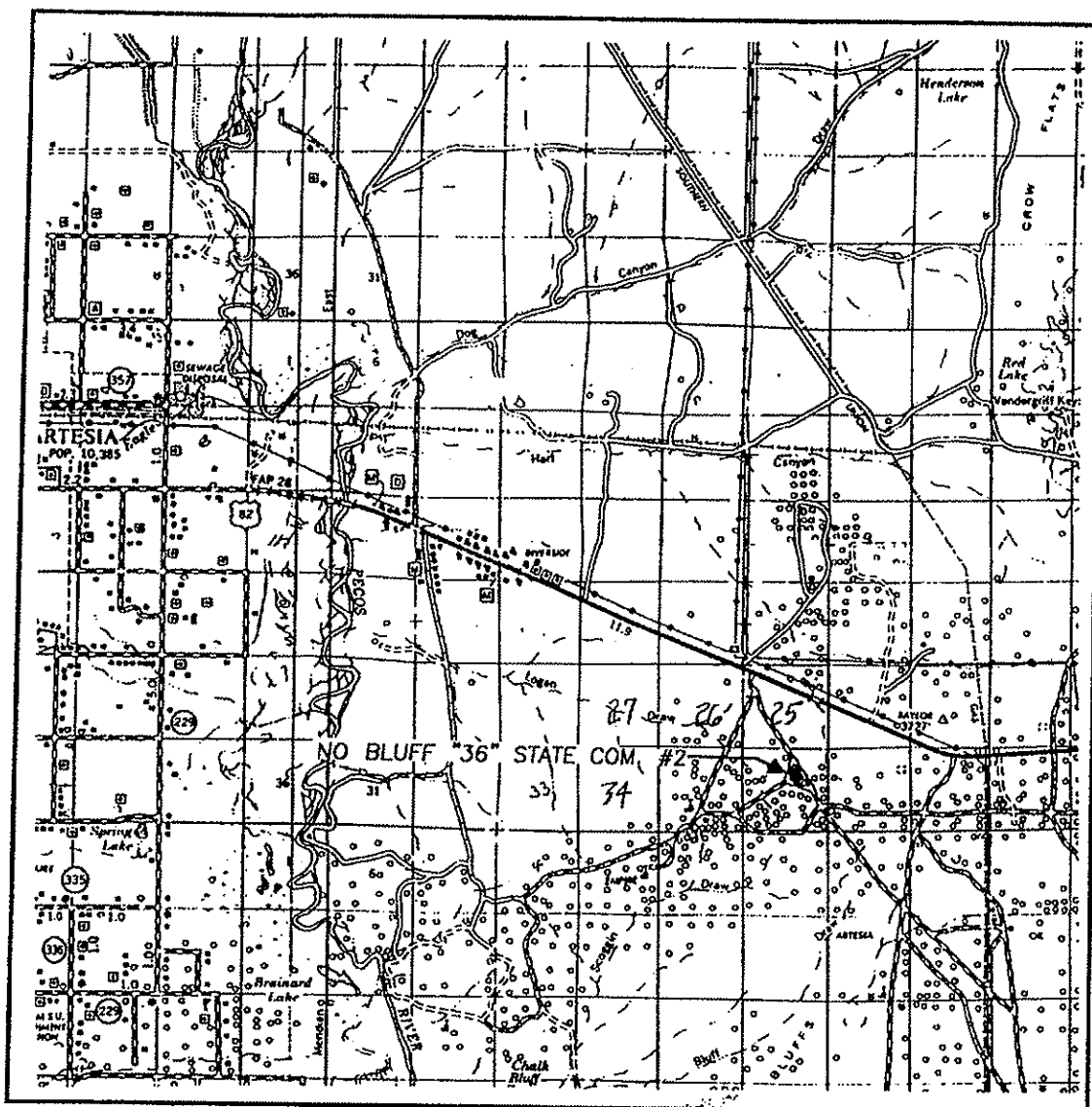
OPERATOR SOUTHWESTERN ENERGY
PRODUCTION CO.

LEASE NO BLUFF "36" STATE COM.

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 36 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1980' FNL & 1980' FEL

ELEVATION 3639

OPERATOR SOUTHWESTERN ENERGY PRODUCTION CO.

LEASE NO BLUFF "36" STATE COM.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

2000'-10,100' 13-5/8" 5000# double ram type preventers, 5000# annular preventer and rotating head body. Test all rams choke manifold, kill line upper and lower kelly valves to 3000 psi. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.

Any equipment failing to test satisfactorily, will be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log.

The BOP's will be maintained ready for use until drilling operations are completed. BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 1980' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3639' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

San Andres	1851'
Glorietta	3355'
Wolfcamp	6670'
Strawn	9030'
Morrow Clastics	9770'
Missippian	10,000'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	1500 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	2000'	Lead: 1260 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,100'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-2000'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
2000'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10,100'	9.3-9.6	34-38	<15 cc	xantham gum, starch

Blowout Prevention Program- Attachment to Form C-101

0'-425'	None
425'-2000'	20" 2000# annular preventer system.

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

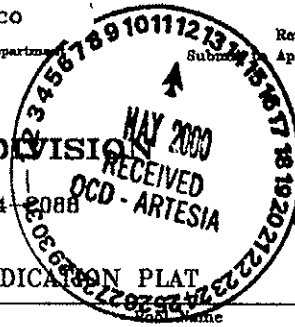
DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	
Property Code	Property Name NO BLUFF "36" STATE COM.	Well Number 2
OGRED No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO.	Elevation 3639

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	17 S	27 E		1980	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

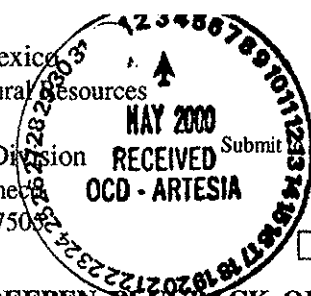
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Rowan Printed Name Drilling Technician Title May 4, 2000 Date
	SURVEYOR CERTIFICATION 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 belief. APRIL 19, 2000 Date Surveyed Signature of Surveyor Professional Surveyor Ronald E. Edson Certificate No. RONALD E. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505



Form U-101
Revised 17, 1999
Submit Appropriate District Office
State Lease 6 Copies
Fee Lease 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30-015-31123
⁴ Property Code 25858	⁵ Property Name No Bluff "36" State Com.	⁶ Well No. 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	36	17S	27E		1980	North	1980	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat (Mississippian)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3639
¹⁶ Multiple N	¹⁷ Proposed Depth 10,100'	¹⁸ Formation Mississippian	¹⁹ Contractor Patterson	²⁰ Spud Date 5/25/00 (est.)

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Minimum WOC time	3 hrs 40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	0,000 *

* Oper to cover all oil, gas & water bearing zones

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Notify OCD at SPUD & TIME
to witness cementing the
13 3/8" casing.**

SEE ATTACHMENT

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUN DISTRICT H SUPERVISOR	
Title: Drilling Technician		Approval Date: MAY 03 2000 Expiration Date: MAY 03 2001	
Date: May 2, 2000	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

DISTRICT I
1005 N. French St., Hobbs, NM 88240

DISTRICT II
P.O. Drawer 10, Artesia, NM 88211-0710

DISTRICT III
1000 E. Brown St., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 2 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

XX AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31123		Pool Code	Pool Name Wildcat (Mississippian)
Property Code 25858	Property Name NO BLUFF "36" STATE COM		Well Number 2
OGED No. 148111	Operator Name SOUTHWESTERN ENERGY PRODUCTION CO. /		Elevation 3634

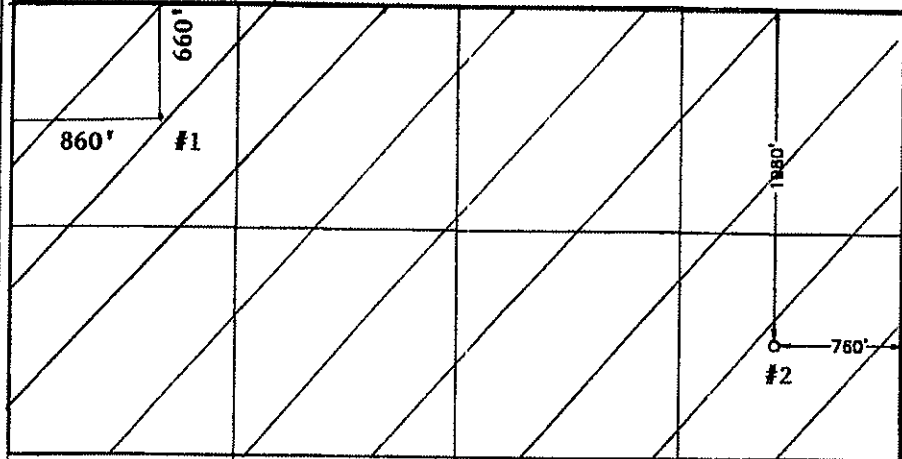

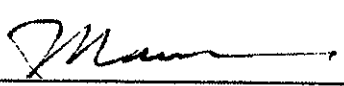
Surface Location

UL or Lot No. H	Section 36	Township 17 S	Range 27 E	Lot 1/4	Feet from the 1980	North/South line NORTH	Feet from the 760	East/West line EAST	County EDDY
---------------------------	----------------------	-------------------------	----------------------	---------	------------------------------	----------------------------------	-----------------------------	-------------------------------	-----------------------

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320									
Joint or Infill Consolidation Code Order No.									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cathy Rowan Printed Name Sr. Engineering Tech. Title March 1, 2001 Date	
	SURVEYOR CERTIFICATION <i>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 belief.</i> February 28, 2001 Date Surveyed M2 Signature & Seal of Professional Surveyor  W.O. Num. 2001-0151-S Certificate No. WACON McDONALD 12185	

RECEIVED
OCD - ARTESIA

NEW MEXICO
12185
PROFESSIONAL SURVEYOR

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Southwestern Energy Production Company 2350 North Sam Houston Parkway East, Suite 300 Houston, TX 77032		² OGRID Number 148111
		³ API Number 30 - 015 - 31123
⁴ Property Code 25858	⁵ Property Name No Bluff "36" State Com.	
		⁶ Well No. 2

Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
64	36	17S	27E		1980	North	760	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
⁷ Proposed Pool 1 Wildcat (Mississippian)					⁸ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3634
¹⁶ Multiple N	¹⁷ Proposed Depth 10,050'	¹⁸ Formation Mississippian	¹⁹ Contractor UTI	²⁰ Spud Date 04/01/01 (est.)

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"		40'	Ready Mix	Surface
17 - 1/2"	13 - 3/8"	61#	425'	1500	Surface
12 - 1/4"	8 5/8"	32#	2,000'	1,495	Surface
7 7/8"	5 1/2"	17#	10,100'	860	8,000'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHMENT

NOTE: SL changed from 1980' FNL, 660' FEL to 1980' FNL, 760' FEL

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Cathy Rowan</i>		OIL CONSERVATION DIVISION 1300	
Printed name: Cathy Rowan		Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Title: Sr. Engineering Technician		Approval Date: MAR - 8 2001	Expiration Date: MAR - 8 2002
Date: March 1, 2001	Phone: 281-618-4733	Conditions of Approval: Attached <input type="checkbox"/>	

GENERAL DRILLING PROGRAM- Attachment to Form C-101

Southwestern Energy Production Company- No Bluff "36" State Com. #2
1980' FNL 760' FEL Section 36-T17S-R27E
Eddy County, New Mexico

Elevation: 3630' GR

Proposed Total Depth: 10,100'

Estimated Formation Tops

Yates	320'
7 Rivers	460'
Queen	1000'
Grayburg	1300'
San Andres 'D'	1784'
Glorieta	3160'
Wolfcamp	6470'
Strawn	8870'
Atoka	9430'
Morrow Lime	9544'
Morrow Clastics	9724'
Missippian	10,040'

Casing/Cement Program

<u>Hole Size</u>	<u>Casing Size/Weight/Grade</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Est. TOC</u>
	20" Conductor pipe	40'	ready mix	surface
17-1/2"	13-3/8" 61# J-55 ST&C	425'	550 sx 15:85 Poz: Class C + 0.25 pps D29+2% S1+2% D20	surface
12-1/4"	8-5/8" 32# J-55 ST&C	1900'	Lead:700 sx 35:65 Poz: Class C + 6% D20+ 0.25 pps D29 Tail: 235 sx Class C+ 2% S1 +0.25 pps D29	surface
7-7/8"	5-1/2" 17# N-80 LT&C	10,050'	860 sx 50:50 Poz: Class H + 6% D44 +2% D20+0.4% D59	8000'

Drilling Fluids Program

<u>Depth</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Comments</u>
0-425'	8.4-8.6	32-34	NC	spud mud
425'-1900'	9.0-9.2	28-29	NC	cut brine water,paper,caustic
1900'-9300'	8.4-9.3	28-29	NC	cut brine,caustic,paper
9300'-10.050'	9.3-9.6	34-38	<15 cc	xanthan gum, starch

Blowout Prevention Program- Attachment to Form C-101

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.

30-015-31123

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location

Unit Letter H : 1980 feet from the N line and 760 feet from the E line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/19/01 thru 03/20/01

Set 20" conductor to 40'. Cmt to surf w/ready mix. Spud @ 9:00 CST on 03/19/01. Drl to 425'. Run 10 jts -13-3/8" 48#, H-40 csg to 425'. Cmt w/465 sx Class C + 2% S1 + 0.25 pps D29. Circ to surf. WOC 18 hrs. Tst csg. OK.

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

SIGNATURE

Type or print name Vonnie J. Cernin

TITLE Drilling Technician

DATE 03/21/01

Telephone No. 281-618-4739

(This space for State use)
ORIGINAL SIGNED BY TIM W. GUM
DISTRICT IV SUPERVISOR

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

APR 25 2001

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:
No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location
Unit Letter H : 1980 feet from the N line and 760 feet from the E line
Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

04/19/01 thru 04/28/01.

MI RU CU. Drl cmt. Tag TD. Corrected TD - 10,015'. Perf. L. Morrow from 9,927' - 9,964'. Swab. RD MO CU. WOPL.



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

SIGNATURE Cathy Rowan TITLE Sr. Engineering Technician DATE 05/21/01
Type or print name Cathy Rowan Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE JUL 05 2001

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:
No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032

4. Well Location
Unit Letter H : 1980 feet from the N line and 760 feet from the E line
Section 36 Township 17S Range 27E NMPM Eddy County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/21/01 thru 03/23/01

Drl to 2002'. Run 45 jts -8-5/8" 32#, J-55 csg to 2002'. Cmt lead w/500 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + 0.25 PPS D29. Cmt tail w/150 sx Class "C" + 2% S1 + 0.25 pps D29. Circ to surf. WOC 18 hrs. Tst csg. OK.

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

SIGNATURE Vonnie J. Cermin TITLE Drilling Technician DATE 03/27/01
Type or print name Vonnie J. Cermin Telephone No. 281-618-4739

(This space for State use)

APPROVED BY ORIGINAL SIGNED BY DISTRICT II SUPERVISOR TITLE DATE APR 25 2001
Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

450P

Form C-103
Revised March 25, 1999

WELL API NO.
30-015-31123

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

No Bluff "36" State Com

8. Well No. 2

8. Pool name or Wildcat
Wildcat (Mississippian)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 -- Houston, TX 77032

4. Well Location

Unit Letter H : 1980 feet from the N line and 760 feet from the E line

Section 36 Township 17S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3634' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

03/23/01 thru 04/16/01

Drl to 10,050'. Log. Run SW Cores. Run 232 jts -5 1/2" 17#, N-80 csg to 10,050'. Cmt w/553 sx 35/65 Poz "C" + 5% D44 BWOW + 6% D20 + .1 PPS D130. Calc. TOC @ 7,350'. Release rig @ 2100 CST on 4/16/01. WOCU.



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

SIGNATURE

Cathy Rowan

TITLE Sr. Engineering Technician

DATE 05/21/01

Type or print name Cathy Rowan

Telephone No. 281-618-4733

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

APPROVED BY

TITLE

DATE JUL 05 2001

Conditions of approval, if any:

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-104
Revised March 25, 1999Submit to Appropriate District Office
5 Copies☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Southwestern Energy Production Company 2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032		² OGRID Number 14811
		³ Reason for Filing Code NW
⁴ API Number 30 - 015-31123	⁵ Pool Name Illinois Camp	⁶ Pool Code 78890
⁷ Property Code 25858	⁸ Property Name No Bluff State Com.	⁹ Well Number 2

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	36	17S	27E		1980	North	760	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 5/17/01	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
------------------------------------	---	---	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
36785	Duke Energy Field Services	2829076	G	



IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date 3/19/01	²⁶ Ready Date 4/28/01	²⁷ TD 10,050'	²⁸ PBD 10,015'	²⁹ Perforations 9,927' - 9,964'	³⁰ DHC, MC
³¹ Hole Size 17 1/2"	³² Casing & Tubing Size 13 3/8", 61#	³³ Depth Set 425'	³⁴ Sacks Cement 465		
12 1/4"	8 5/8", 32#	2,002'	650		
7 7/8"	5 1/2", 17#	10,050'	553		
	2 7/8" TBG	9,925'			

VI. Well Test Data

³⁵ Date New Oil n/a	³⁶ Gas Delivery Date 5/17/01	³⁷ Test Date 5/19/01	³⁸ Test Length 24 HRS	³⁹ Tbg. Pressure 4	⁴⁰ Csg. Pressure 0
⁴¹ Choke Size open	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 250 MCF	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules 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.

Signature:

Printed name: **Cathy Rowan**Title: **Sr. Engineering Technician**Date: **05/21/01**Phone: **(281) 618-4733**

OIL CONSERVATION DIVISION

Approved by:

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date:

JUL 05 2001⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator



Arrant, Bryan

From: Arrant, Bryan
Sent: Monday, July 15, 2002 1:37 PM
To: Jones, William V
Cc: Gum, Tim
Subject: RE: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Will,

I briefly looked into the area surrounding the Bluff 36 State Com. #2 well and I see that there is Abo production immediately to the south of this well.

The operator should had brought cement to cover the Abo. As you indicated with operators permitting Glorieta-Yeso wells in this area, possibly cement up though these formations also. Once you issue an order, we will take steps and have SW Energy perf and squeeze their production casing to meet OCD requirements. If you have other plans or concerns, please advice.

Bryan

-----Original Message-----

From: Jones, William V
Sent: Thursday, July 11, 2002 8:50 AM
To: Gum, Tim
Cc: Arrant, Bryan; Catanach, David
Subject: No Bluff "36" State Com Well No. 2 API: 30-015-31123

Hello Tim:

I thought I would send an email with all the facts as I have found them:

This well was drilled and 5.5 inch set to 10050' (to the Mississippian) on 4/16/01. They only used 553 sx of cement and calc cement top at 7,350'. Many operators in this area to this depth have used 2 stage tools and cemented 2000 sacks total in 3 stages. I see OCD instructions in the file 5/3/2000 for the operator (Southwestern Energy Production Company) to "cover all oil, gas, and water bearing zones".

I think there are other productive zones. For instance, the Jeffers 36 St #003 (api: 30-015-31541) and other wells have been permitted to 4000' in this area with the Glorieta or SA as the objective. There is also some 500' shallow Yates production that is played out already.

The reason I found this:

I am looking at an SWD application from Mack Energy. They have drilled a new well and want to complete the Beech Federal #003 for SWD in the Abo at 5000'. The No Bluff 36 State Com #2 is in the Area of Review with cement top below the Abo.

Please let me know what action you will take on this - so I can determine how to proceed with Mack's application.

Regards,

Will Jones

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

WELL API NO. 30-015-31123 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name No Bluff State Com. 8. Well No. 2 9. Pool name or Wildcat Wildcat, Mississippi N ILLINOIS Camp MARMAN	
---	--

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				7. Lease Name or Unit Agreement Name No Bluff State Com.					
b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR. <input type="checkbox"/> OTHER _____				8. Well No. 2					
2. Name of Operator Southwestern Energy Production Company ✓				9. Pool name or Wildcat Wildcat, Mississippi <i>N ILLINOIS Camp Morrow</i>					
3. Address of Operator 2350 N. Sam Houston Parkway East, Suite 300 – Houston, TX 77032				4. Well Location Unit Letter <u>H</u> : _____ 1980 Feet From The <u>N</u> Line and <u>760</u> Feet From The <u>E</u> Line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM Eddy County					
10. Date Spudded 03/19/01		11. Date T.D. Reached 04/14/01		12. Date Compl. (Ready to Prod.) 04/28/01		13. Elevations (DF& RKB, RT, GR, etc.) 3,634' GR		14. Elev. Casinghead	
15. Total Depth 10,050'		16. Plug Back T.D. 10,015'		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By Rotary Tools 0 – 10,050'		Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 9,927' – 9,964' L Morrow								20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run Combo						21. Was Well Cored Yes			

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	61#	425'	17 1/2"	465 sx	
8 5/8"	32#	2,002'	12 1/4"	650 sx	
5 1/2"	17#	10,050'	7 7/8"	553 sx	

LINER RECORD

SINK RECORD					FILLING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	9,925'	9,869'

TUBING RECORD

SINK RECORD					FILLING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	9,925'	9,869'

d number)	27. ACID. SHOT. FRACTURE. CEMENT. SQUEEZE. ETC.
-----------	---

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

PRODUCTION

Date First Production 05/17/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Prod.		
Date of Test 05/19/01	Hours Tested 24	Choke Size open	Prod'n For Test Period 0	Oil - Bbl 250	Gas - MCF 0	Water - Bbl 0	
Flow Tubing Press. 4	Casing Pressure 0	Calculated 24- Hour Rate 0	Oil - Bbl 250	Gas - MCF 0	Water - Bbl 0	Oil Ratio 0	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By	

30. List Attachments logs, inclinational survey	
--	--

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature [Signature] Printed Name Cathy Rowan Title Sr. Engineering Technician Date 05/21/01

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta 3199 _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb 4059 _____
 T. Drinkard _____
 T. Abo 5018 _____
 T. Wolfcamp 6740 _____
 T. Penn _____
 T. Cisco (Bough C) 8242 _____

T. Canyon 8350 _____
 T. Strawn 8881 _____
 T. Atoka 9464 _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 3, from _____ to _____

No. 2, from _____ to _____

No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
5000	5290	290	Dolomite				
5290	5310	20	No sample				
5310	5500	190	Dolomite w/tr of shale				
5500	5520	20	No sample				
5520	6730	1210	Dolomite w/tr of shale				
6730	7480	750	Dolomite w/tr of ls & shale				
7480	9140	1660	Dolomite w/ls, chert, & shale				
9140	10040	910	Dolomite w/tr of ss, sh ls				

Deviation surveys taken on Southwestern Energy Production Company's No
Bluff "36" State Com #2 well in Eddy County, New Mexico:

<u>Depth</u>	<u>Degree</u>
190	1.00
302	.75
395	1.00
492	.75
765	.50
1042	.75
1319	.75
1645	.75
1845	.75
1950	1.00
2166	2.00
2256	1.50
2412	1.75
2597	1.75
2784	2.00
3084	2.00
3372	2.00
3591	2.00
3839	2.00
4119	2.00
4210	2.25
4303	2.75
4365	2.50
4521	3.00
4614	2.75
4707	2.50
4798	2.75
4891	3.00
4983	3.00
5133	2.75
5227	3.00
5414	3.00
5662	2.75
5822	3.00
6063	3.00
6249	3.00
6374	2.50
6469	2.75
6807	1.50
7240	2.00
7450	2.25
7741	2.25
7986	2.75
8140	2.00
8450	1.00
8849	1.50

9098	1.00
9501	.50
9870	1.75

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

John W. Norton
Patterson-UTI Drilling Co., LP, LLLP

Before me, the undersigned authority, on this day personally appeared John W. Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

John W. Norton
John W. Norton

SWORN AND SUBSCRIBED TO before me this 21st day of May 2001.



Pat Farrell
Notary Public in and for
Lubbock County, Texas.

C104AReport

Page 1 of 1

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 76583

Change of Operator**Previous Operator Information**

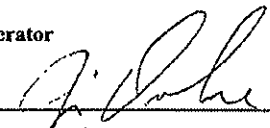
OGRID: 148111
Name: SOUTHWESTERN ENERGY
PRODUCTION COMPANY
Address: 2350 N. SAM HOUSTON PKWY E
Address: SUITE 300
City, State, Zip: HOUSTON, TX 77032

New Operator Information

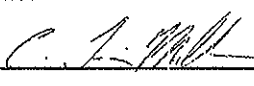
Effective Date: 8/15/2008
OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 BAGBY STREET
Address: SUITE 4600
City, State, Zip: HOUSTON, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: 
Printed Name: Jim Dewbre
Title: V.P. LAND
Date: 10/29/08 Phone: 281-618-4711

New Operator

Signature: 
Printed Name: C. Tim Miller
Title: Vice President - Operations
Date: 10/28/08 Phone: 713-292-9514

NMOCD Approval

Electronic Signature: Paul Kautz, District 1
Electronic Signature: Jane Prouty, District 2
Date: October 29, 2008

ChangeOp Comments

OGRID: [148111] SOUTHWESTERN ENERGY PRODUCTION COMPANY
Permit Number: 76583
Permit Type: ChangeOp

Created By	Comment	Comment Date
DPHILLIPS	I show a bond in your Financial Assurance report that requires bonding - 30-015-31552. I cannot approve the change of operator until bonding for this well is received. Questions? Call me 478-3481.	10/9/2008
DMULL	The form C-145 that is attached is the wrong one. The Permit number that is required to be signed and attached should be 76583, and not 80182. Please send the correct, signed permit number 76583 and then resubmit. If you have questions on this matter, please call Donna Mull (575) 393-8161 ext 115.	10/23/2008

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
August 1, 2011
Permit 140504

Change of Operator

Previous Operator Information

OGRID: 255333
Name: LIME ROCK RESOURCES A, L.P.
Address: 1111 Bagby Street
Suite 4600
City, State, Zip: Houston, TX 77002

New Operator Information

Effective Date: Effective on the date of approval by the OCD
OGRID: 281994
Name: LRE OPERATING, LLC
Address: 1111 Bagby
Suite 4600
City, State, Zip: Houston, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, LRE OPERATING, LLC certifies that it has read and understands the following synopsis of applicable rules.

PREVIOUS OPERATOR certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells being transferred are either (1) in compliance with 19.15.17 NMAC, (2) have been closed pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply with Paragraphs 1 through 4 of 19.15.17.11(I) NMAC.

LRE OPERATING, LLC understands that the OCD's approval of this operator change:

1. constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells; and
2. constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, LRE OPERATING, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.

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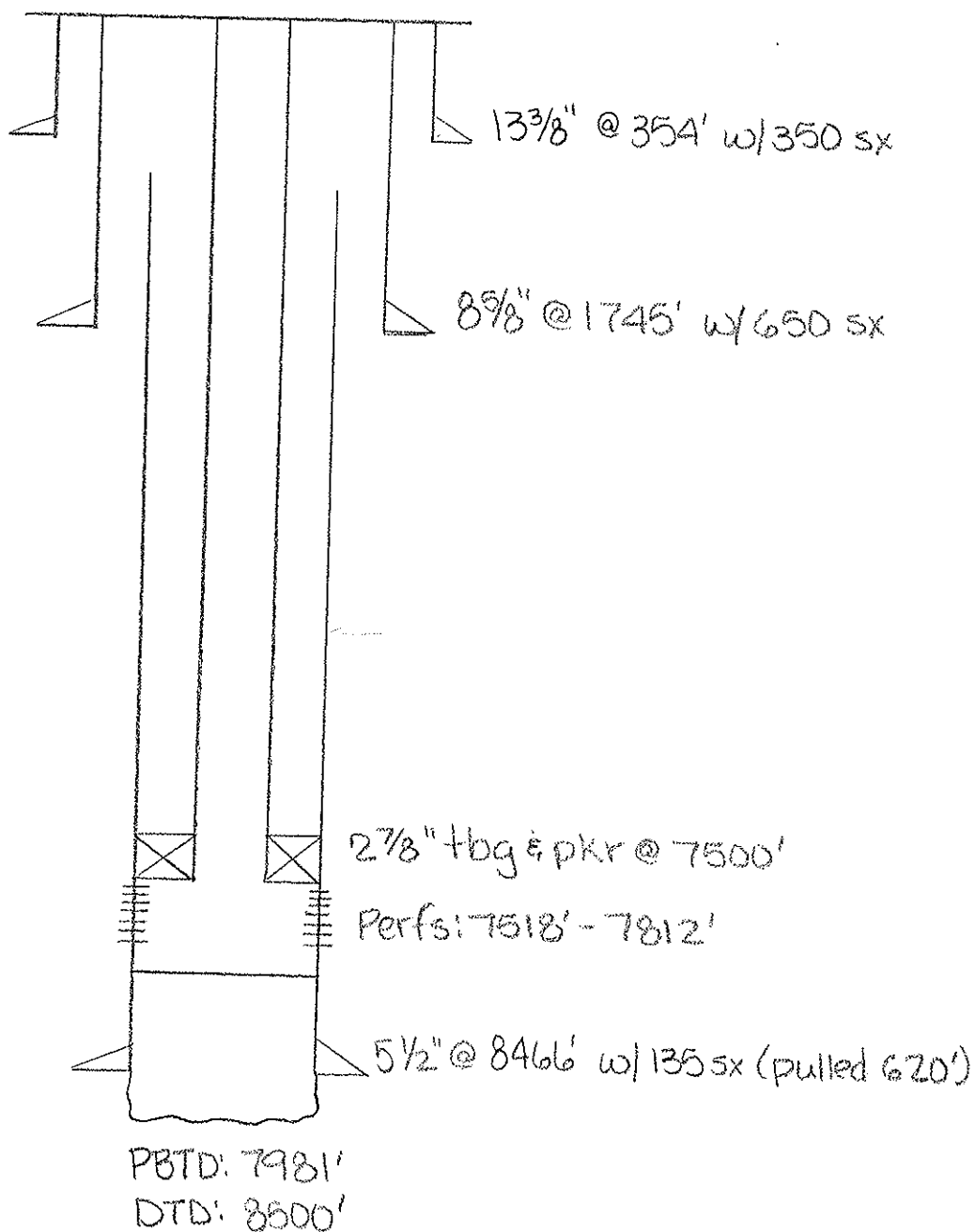
SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 76
Artificial Penetration Review

OPERATOR Walter Solt, LLC
LEASE Walter Solt State
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active - SWD
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-25522

REMARKS:



State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John H. Bemis
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order SWD-318-A
March 28, 2012

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of 19.15.26.8B NMAC, Walter Solt, LLC seeks an administrative order to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of 19.15.26.8B NMAC and satisfactory information has been provided that affected parties as defined in said rule have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in 19.15.26.8 NMAC have been met and the operator is in compliance with 19.15.5.9 NMAC.

IT IS THEREFORE ORDERED THAT:

The applicant, Walter Solt, LLC, is hereby authorized to utilize its Walter Solt State Well No. 1 (API 30-015-25522) located 2240 feet from the South line and 400 feet from the West line, Unit letter L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, for disposal of oil field produced water (UIC Class II only) into the Wolfcamp formation through perforations from 7518 to 7812 feet through lined tubing and a packer set less than 100 feet above the permitted disposal interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The well shall pass an initial mechanical integrity test ("MIT") prior to initially commencing disposal and prior to resuming disposal each time the disposal packer is unseated. All MIT testing procedures and schedules shall follow the requirements in Division Rule 19.15.26.11A. NMAC.

The wellhead injection pressure on the well shall be limited to **no more than 1504 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by sufficient evidence including but not limited to an acceptable Step-Rate-Test.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any MIT test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 19.15.26.13 and 19.15.7.24 NMAC.

Without limitation on the duties of the operator as provided in Division Rules 19.15.29 and 19.15.30 NMAC, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

The injection authority granted under this order is not transferable except upon division approval. The division may require the operator to demonstrate mechanical integrity of any injection well that will be transferred prior to approving transfer of authority to inject.

The division may revoke this injection permit after notice and hearing if the operator is in violation of 19.15.5.9 NMAC.

The disposal authority granted herein shall terminate two years after the effective date of this order if the operator has not commenced injection operations into the subject well. One year after the last date of reported disposal into this well, the Division shall consider the well abandoned, and the authority to dispose will terminate *ipso facto*. The Division, upon written request mailed by the operator prior to the termination date, may grant an extension thereof for good cause.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



JAMI BAILEY

Director

JB/wvjj

cc: Oil Conservation Division – Artesia
State Land Office – Oil, Gas, and Minerals Division

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

Form C-141
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

SEP 21 2005

OCD-ARTEZIA

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

3/ 15-25522 Release Notification and Corrective Action

MLB0526429004

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company <i>I & W INC.</i>	Contact <i>Kevin Wilson</i>	
Address <i>P.O. BOX 98 hord Hills NM 88255</i>	Telephone No. <i>505-677-2111</i>	
Facility Name <i>Walter Solt State State #1</i>	Facility Type <i>SALT WATER DISPOSAL</i>	
Surface Owner <i>State NM</i>	Mineral Owner <i>State</i>	Lease No. <i>B3828</i>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>L</i>	<i>5</i>	<i>18s</i>	<i>28E</i>	<i>400'</i>	<i>S</i>	<i>2240</i>	<i>E</i>	<i>Eddy</i>

NATURE OF RELEASE

Type of Release <i>Produced Water</i>	Volume of Release <i>10 bbl/s</i>	Volume Recovered <i>10 bbl/s</i>
Source of Release <i>TANK Overflow</i>	Date and Hour of Occurrence <i>9/1/05 EARLY A.M.</i>	Date and Hour of Discovery <i>9/1/05 7:00am</i>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

TANK Overflow. Installing overflow tank with alarm callout + shut off valves on incoming lines with head switches.

Describe Area Affected and Cleanup Action Taken.*

Inside berms which are fully lined with plastic. Remove contaminated material + Replace with NEW.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Kevin Wilson</i>	OIL CONSERVATION DIVISION		
Printed Name: <i>Kevin Wilson</i>	Approved by District Supervisor: <i>TIM GUM by MB</i>	<i>Willa Brummer</i>	
Title: <i>Operations Manager</i>	Approval Date: <i>9/21/05</i>	Expiration Date: <i>N/A</i>	
Date: <i>9/16/05</i>	Phone: <i>505-677-2111</i>	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUL 17 2008
OCD-ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company	I+V INC.	Contact	KEVIN WILSON
Address	P.O. BOX 98 LDCO HILLS NM 88255	Telephone No.	575-677-2110 Office / 575-703-2041 cell
Facility Name	WALTER SOLT SWD	Facility Type	SWD
Surface Owner	State of NM	Mineral Owner	I+V
	30015 25522		Lease No. B 3828

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	5	18S	28E	400	South	2240	EAST	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	PRODUCED WATER	Volume of Release	5 BBLs	Volume Recovered	0 BBLs
Source of Release	UNLOADING AREA	Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	UNKNOWN		
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					

Describe Cause of Problem and Remedial Action Taken.*

Numerous Trucks unloading on a daily basis.
Contacted companies that unload at facility + asked that they remind drivers on better housekeep

Describe Area Affected and Cleanup Action Taken.*

Unloading area approximately 25x50 around unloading valves. Picked up approximately 24 yards + hauled to CRT. Sprayed MICRO BLAZE over area + replaced caliche.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOC marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Kevin Wilson		OIL CONSERVATION DIVISION	
Printed Name: Kevin Wilson		Approved by District Supervisor: [Signature]	
Title: Operations Manager		Approval Date: 10-1-08	Expiration Date: N/A
E-mail Address:		Conditions of Approval: N/A	
Date:	Phone:	Attached <input type="checkbox"/> N/A	

* Attach Additional Sheets If Necessary

I+W INC., IN AN EFFORT TO
better control AND monitor our
SWD, will be installing A CEMENT
lined UNLOADING AREA which will
include sumps AND A 24 HOUR
video surveillance system.

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. <u>30-015-25522</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <u>WALTER Solt State</u>
8. Well Number # <u>1</u>
9. OGRID Number <u>283037</u>
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>SWD</u>	
2. Name of Operator <u>WALTER Solt LLC</u> * <u>1 + W</u> <u>< 108266</u>	
3. Address of Operator <u>P.O. Box 70 Loco Hills NM 88255</u>	
4. Well Location Unit Letter <u>L</u> : <u>2240</u> feet from the <u>FSL</u> line and <u>400</u> feet from the <u>FWL</u> line Section <u>5</u> Township <u>18S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3644.4 GR</u>	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ALL INTENTIONS ARE TO GET THE WELL BACK INTO PRODUCTION. Rig up
PULLING UNIT AND DRILL OUT CEMENT. TEST CASING AND MAKE
SURE ITS GOOD, IF NOT WE WILL CONTINUE WORKING TO GET
WELL IN COMPLIANCE, AT THAT POINT WE WILL RUN IN WITH
PACKER AND PRODUCTION STRING. WE WILL CONTACT OCD TO WITNESS
PRESSURE TEST.

Spud Date:

Rig Release Date:

RECEIVED

SEP 20 2011

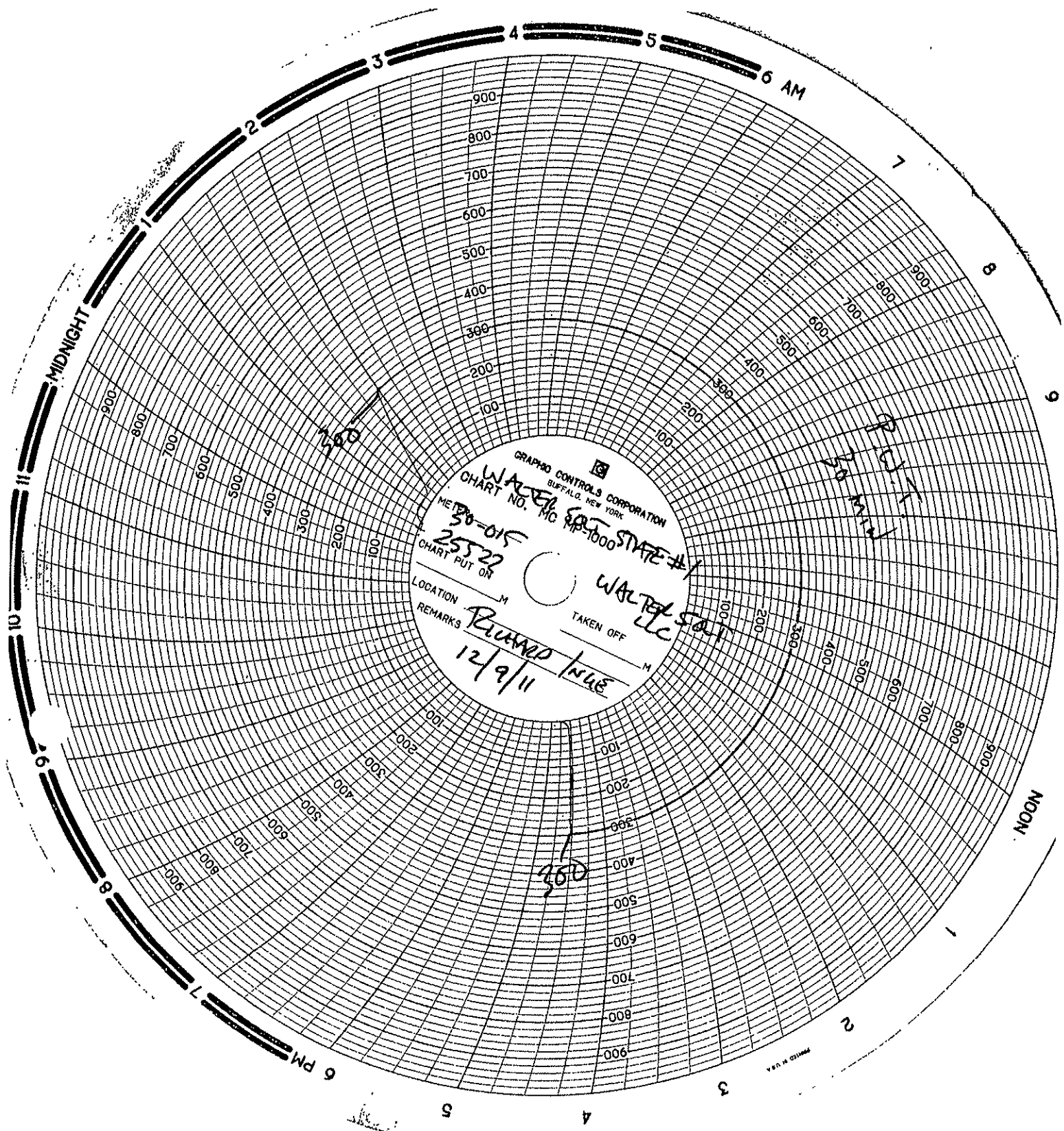
* DENIED. SWD PERMIT HAS EXPIRED. RE-APPLY

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

SIGNATURE Kevin Wilson TITLE Operations Manager DATE 9/20/2011
or print name Kevin Wilson E-mail address: rkwilson63@yahoo.com PHONE: (575) 703-2041
State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
WALTER LLC
CHART NO. MC 50T STATE #1
METER 30-015
CHART PUT ON 25522
LOCATION M
REMARKS RICHARD
12/9/11
TAKEN OFF M
WALTER LLC
460

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-015-2552

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
N.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATION	<input checked="" type="checkbox"/>

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐
5. State Oil & Gas Lease No.
B-3823

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

Metex Pipe & Supply ☒

3. Address of Operator

P.O. Box 1037 Artesia, N.M. 88210

4. Location of Well

UNIT LETTER L LOCATED 400 FEET FROM THE WEST LINE
2240 SOUTH 5 18S 28E
AND FEET FROM THE LINE OF SEC. TWP. RGE. NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Walter Solt State

9. Well No.

1

10. Field and Pool, or Wildcat

WILDCAT

12. County
EDDY

19. Proposed Depth
8500'

19A. Formation
Penn.

20. Rotary or C.T.
Rotary

11. Elevation (show whether D.F., N.T., etc.)
3644.4 GL

21A. Kind & Status Plug. bond
one well

21B. Drilling Contractor
Hondo Rig #9

22. Approx. Date Work will start
Jan 10, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	54.5#	350'	250	circulated
12 1/4"	8 5/8"	24#	2250'	500 sx.	
7 7/8"	5 1/2"	17# J-55 N-80	8500'	800	4500'

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 7-3-86
UNLESS DRILLING UNDERWAY

BOP Diagram attached

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Marvin B. Murray Title Metex Pipe & Supply Date 12-23-85

(This space for State Original Signed By

Les A. Clements

APPROVED BY Supervisor District 11 TITLE DATE DEC 27 1985

CONDITIONS OF APPROVAL, IF ANY:

7-10

11-12

13-14

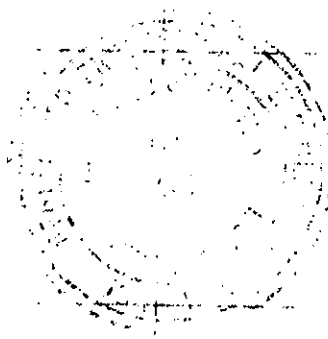
40-Acres

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof and its ownership interest and priority.
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners, including interests in mineralization and zoning (for example, etc.).

Yes ☒ No ☐ If answer is "yes" type of consolidation

If power is to be put in the hands of the owners and tract descriptions which have actually been consolidated in the course of the history of the company.

Water will be assigned to the well until all interests have been consolidated by communitization, or until a non-paying or otherwise or until a non-standard unit, eliminating such interests, has been approved by the State.



turned here - is to find the best of my knowledge and to

Martin B. Muncy
d/b/a Metex Pipe & Supply

METEX PIPE & SUPPLY

12-23-85

Thereby certifying that he well knows and
shows in it that he was, at the time he
made of said survey made by me
under my supervision and that he gave
a true and correct to the best of his
knowledge and belief.

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

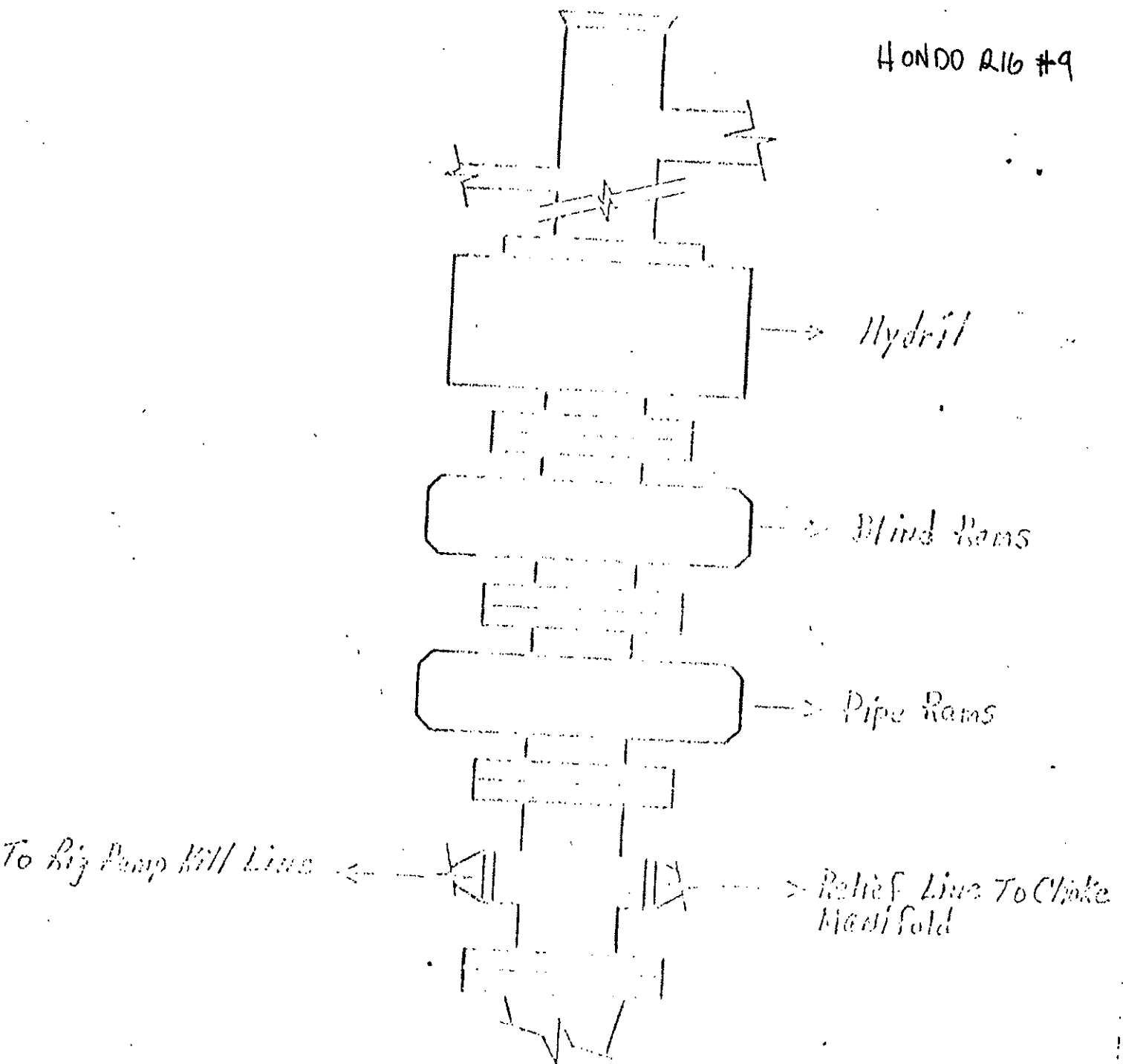
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THE UNIVERSITY OF CHICAGO

Certificate N6

PCAA: 100-100000

HONDO RIG #9



METEX PIPE & SUPPLY
WALTER SOLT ST. #1
55-T18S-R28E
UNIT L

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

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5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER

2. Name of Operator
METEX PIPE AND SUPPLY

3. Address of Operator
POB 1037 ARTESIA, NM 88210

4. Location of Well
UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E N.M.P.M.

7. Unit Agreement Name
WALTER SOLT STAT

8. Farm or Lease Name

9. Well No. 1

10. Field and Pool, or Wildcat
WILDCAT - PENN

15. Elevation (Show whether DF, RT, GR, etc.)
3644.1' GL

12. County
EDDY

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PV ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

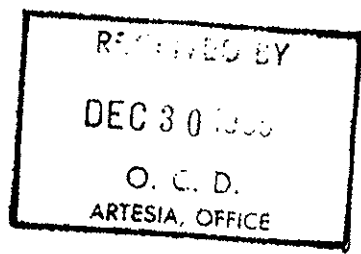
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER BUILD LOCATION

ALTERING CASING
PLUG AND ABANDONMENT

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/30/85. BUILD LOCATION FOR HONDRO RIG #9



18. by certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Martin B. Munday TITLE d/b/a METEX PIPE, SUPPLY

DATE 12/30/85

Original Signed By

APPROVED BY

Supervisor District 11

TITLE

DATE 12/31/1985

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-

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OFFICE		
OPERATION	<input checked="" type="checkbox"/>	

3a. Indicate Type of Lease
State ☒ XXXX Fee ☐
5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT - " (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Walter Scott State

9. Well No.

1

10. Field and Pool, or Whdeat

Wildcat - Penn.

Name of Operator

Metex Pipe & Supply ☒

Address of Operator

P.O. Box 1037 Artesia, N.M. 88210

Location of Well

UNIT LETTER L 400 FEET FROM THE WEST LINE AND 2240 FEET FROM

THE SOUTH LINE, SECTION 5 TOWNSHIP 18S RANGE 28E N.M.P.M.

11. Elevation (Show whether DF, RT, GR, etc.)

3644.4

12. County

EDDY

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data.

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

ULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☐

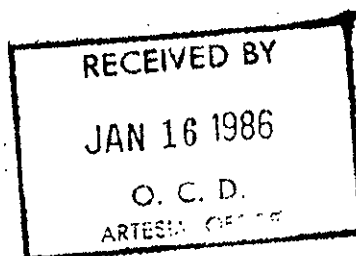
run surface casing ☒

1. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spud well 3:00 p/m, Jan. 9, 1986 with Hondo, Rig #9.

Ran 11 joints 13 3/8" 54 lb. J-55 casing and set at 354'. Halliburton cemented with 350 sacks class "C" cement with 2% CaCl. Circulated 45 sacks to pit. Plug down at 5:30 a/m on January 10, 1986.

WOC for 12 hours, drilled out 2 ft. past shoe and tested BOP to 500 PSI and held pressure for 30 minutes. Presently drilling 11" hole with full returns.



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

SIGNED

d/b/a

TITLE Metex Pipe & Supply

DATE Jan. 10, 1986

Original Signed By

Les A. Clements

TITLE

Supervisor District II

DATE

JAN 23 1986

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OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-77

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Metex Pipe and Supply

Address of Operator
P.O. Box 1037 Artesia, N.M. 88210

Location of Well
UNIT LETTER L 400 FEET FROM THE west LINE AND 2240 FEET FROM south 5 TOWNSHIP 18S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3644.4 GL

5a. Indicate Type of Lease

State ☒ Fed ☐

5. State Oil & Gas Lease No.
B-3823

7. Unit Agreement Name

8. Farm or Lease Name
Walter Solt State

9. Well No.
1

10. Field and Pool, or Wildcat
WILDCAT Penn.

12. County
Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
L OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER run intermediate casing ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Ran 42 jt. 8 5/8", 24 lb., J-55 casing to 1745'. Cemented with 400 sacks Halco Lite with 2# salt and 1/4# Flowseal and 250 sacks class "C" with 2% CaCl. Circulated 100 sacks to pit. Plug down at 4:00 p/m, Jan. 12, 1986.

WOC for 12 hrs. drilled out 2' past shoe and tested BOP to 1000 psi and held for thirty minutes. Presently drilling 7 7/8" hole with full returns.

RECEIVED BY

JAN 16 1986

O. C. D.
ARTESIA, OFFICE

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

Signature: [Signature] d/b/a Metex Pipe & Supply
TITLE

DATE 1-13-86

Original Signed By
Les A. Clements

Supervisor District 11

DATE JAN 23 1986

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

FEB 27 1986

ARTESIA, OFFICE

Form C-103
Revised 10-1

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OPERATOR	<input checked="" type="checkbox"/>

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒GAS WELL ☐

OTHER-

7. Unit Agreement Name

8. Farm or Lease Name

WALTER SOLT STATE

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat Penn.

UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM
THE South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

3644.4'

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING ~~WORK~~ AND CEMENT JOBS ☒
OTHER DST's, Logs & TD

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any propos. work) SEE RULE 1103.

DST #1 6678-6822'

DST #1 7035-7090'

Results to be submitted with completion report

2-16-85: Driller's TD=8500' Loggers TD=8484'

Ran Open-Hole Logs: GR/CNLD & DLL/MSFL

Ran 5 1/2" 17# LTC(N-80/J-K-55) Casing to 8466' KB with float shoe @ 8466' & Insert float @ 8424'. Cemented with 135-Sxs Howco "H" + .7-1% Halad-9. Bumped Plug to 4500#-Held-OK. Howco FULL-OPENING CEMENTER SET @ 7785'.

2-25-85: Cleaned Location & Set Dead-Men

2-26-86: Ran Cement Bond Log and found good cement from PBDT 8398' to 7961'

Present operation is waiting on completion unit

PBDT= 8398'KB

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

SIGNED CAB Mummy TITLE d/b/a METEX PIPE & SUPPLYDATE 2-28-86Original Signed By
Mike Williams

Oil & Gas Inspector

DATE FEB 28 1986APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLFCAMP

NET PAY (ft): 22.0

GROSS TESTED FOOTAGE: 144.0

ALL DEPTHS MEASURED FROM: 10' K.B.

CASING PERFS. (ft):

HOLE OR CASING SIZE (in): 7.875

ELEVATION (ft): 3644.4 GROUND LEVEL

TOTAL DEPTH (ft): 5822.0

PACKER DEPTH(S): 6672, 6678

FINAL SURFACE CHOKe (in):

BOTTOM HOLE CHOKE (in): 0.750

MUD WEIGHT (lb/gal): 8.80

MUD VISCOSITY (sec): 2

ESTIMATED HOLE TEMP. (°F):

ACTUAL HOLE TEMP. (°F): 110 @ 6818.0 ft

TICKET NUMBER: 22834600

DATE: 2-4-86 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
ARTESIA

TESTER: R. PEPPERS

WITNESS: MUNCY

DRILLING CONTRACTOR:

HONDO DRILLING COMPANY #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE

RESISTIVITY

CHLORIDES

EARTH PILLS 0.139 @ 70 °F 33000 ppm

SAMPLER 0.146 @ 70 °F 31000 ppm

TOP RECOVERY 0.146 @ 70 °F 31000 ppm

MIDDLE RECOVERY 0.150 @ 70 °F 30000 ppm

TOP OF TOOLS 0.150 @ 70 °F 30000 ppm

@ °F ppm

SAMPLER DATA

Pstg AT SURFACE: 35.0

cu.ft. OF GAS: 0.295

cc OF OIL:

cc OF WATER: 550.0 SULPHUR

cc OF MUD:

TOTAL LIQUID cc: 550.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F

GAS/OIL RATIO (cu.ft. per bbl):

GAS GRAVITY:

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

497' OF GAS CUT FORMATION (SULPHUR) WATER

MEASURED FROM
TESTER VALVE

REMARKS:

6" POSITIVE CHOKE

[illegible]

EQUIPMENT & HOLE DATA

FORMATION TESTED: WOLF CAMP
 NET PAY (ft): 4.0
 GROSS TESTED FOOTAGE: 55.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 3644.4 GROUND LEVEL
 TOTAL DEPTH (ft): 7090.0
 PACKER DEPTH(S) (ft): 7029, 7035
 FINAL SURFACE CHOKE (in): _____
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 8.90
 MUD VISCOSITY (sec): 31
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 114 @ 7086.0 ft

TICKET NUMBER: 22808600

DATE: 2-6-86 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: ARTESIA

TESTER: SIAM MC KEE

WITNESS: MUNCY

DRILLING CONTRACTOR: HONDO DRILLING RIG #9

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>0.096 @ 70 °F</u>	<u>53000 ppm</u>
SAMPLER	<u>0.280 @ 70 °F</u>	<u>16000 ppm</u>
TOP RECOVERY	<u>0.100 @ 70 °F</u>	<u>49000 ppm</u>
MIDDLE RECOVERY	<u>0.096 @ 70 °F</u>	<u>53000 ppm</u>
BOTTOM RECOVERY	<u>0.220 @ 70 °F</u>	<u>19000 ppm</u>
	<u>@ °F</u>	<u>ppm</u>

SAMPLER DATA

Pstg AT SURFACE: 230.0
 cu.ft. OF GAS: 0.271
 cc OF OIL: 50.0
 cc OF WATER: 2300.0
 cc OF MUD: _____
 TOTAL LIQUID cc: 2350.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): 860
 GAS GRAVITY: _____

CUSHION DATA

TYPE _____ AMOUNT _____ WEIGHT _____

RECOVERED:

90 FEET OF OIL CUT SULPHUR WATER
 919 FEET OF SULPHUR WATER

MEASURED FROM
TESTER VALVE

REMARKS:

NO GAS TO SURFACE DURING TEST.

CHARTS INDICATE THE POSSIBLE EXISTENCE OF MORE THAN ONE ZONE WITHIN THE TESTED INTERVAL.

OIL CONSERVATION DIVISION

RECEIVED BY BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10

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APR 8 1986

O. C. D.

ARTESIA OFFICE

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee
5. State Oil & Gas Lease No.	B-3823

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Metex Pipe & Supply	8. Farm or Lease Name Walter Solt State
3. Address of Operator PO Box 1037 Artesia, NM 88210	9. Well No. 1
4. Location of Well UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM South LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMPM.	10. Field and Pool, or Wildcat Wildcat Penn.
15. Elevation (Show whether DF, RT, GR, etc.) 3644.4' GL	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proj work) SEE RULE 1103.

*Results of DST #1(6678-6822') & DST #2(7035-7090') are attached with this report.

*The Drilling Inclination Record is attached with this report.

*The 2-26-86, Schlumberger CNL-CET Logs are attached with this report.

*The 3-22-86, Wellex CBL is attached with this report.

3-13-86/3-17-86: Perf Cisco Lime with 10-0.41" Holes(8214, 16, 17, 18, 20, 30, 32, 33, 34, 36')
Treat with 2000-Gal 20% NeFe Acid, 1000 SCF N₂/BBL and balls. Flowed and swe approx. 20-bbls. over load with slight show oil and approx. 30-MCFD gas.
Set CIBP at 8200' with 35' "H" Cement-Tested to 3000#-OK-PBTD=8163'.

3-18-86: Perf 2-Cmt. squeeze holes at 7870' & set cmt. sq. ret. at 7860'

3-19-86: Squeeze with 110-sxs "H" with 3# NaCl/Sk.

3-22-86: Ran Wellex CBL(submitted with this report) & found PBTD=7842' with no cmt. behind 5 1/2"

4-15-86: Plan to change operator
PBTD=7842'

NOTE: New operator will submit Open-Hole Logs

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

Original Signed By Les A. Clements	TITLE d/b/a METEX PIPE & SUPPLY	DATE 4-15-86
APPROVED BY Supervisor District 11	TITLE	DATE APR 23 1986

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED BY

JUN 10 1986

O. C. D.
ARTESIA, OFFICESTATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

NO. OF COPIES DESIRED	
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TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-104
Revised 10-01-78
Format 08-01-83
Page 1REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator FROSTMAN OIL CORPORATION ✓

Address P.O. DRAWER W, ARTESIA, NM 88210

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) CHANGE OF OPERATOR
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner Metex Pipe & Supply, P. O. Box 1037, Artesia, NM 88210

II. DESCRIPTION OF WELL AND LEASE

Lessee Name <u>Walter Solt State</u>	Well No. <u>1</u>	Pool Name, including Formation <u>Wildcat Penn</u>	Kind of Lease State, Federal or Fee <u>State</u>	Lease No. <u>B-3823</u>
Unit Letter <u>L</u> : <u>400</u> Feet From The <u>West</u> Line and <u>2240</u> Feet From The <u>South</u> Line of Section <u>5</u> Township <u>18 South</u> Range <u>28 East</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <u>Post 10-3</u> <u>6-13-86</u> <u>Chg. ap</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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 is true and complete to the best of my knowledge and belief.

FROSTMAN OIL CORPORATION

by: Rance Forster

(Signature)

Rance Forster, President

(Title)

June 9, 1986

(Date)

OIL CONSERVATION DIVISION

APPROVED JUN 10 1986, 19BY Original Signed ByLes A. ClementsTITLE Supervisor District II

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

If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate 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 multiphase completed wells.

NO. OF COPIES RECEIVED	
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PER. FOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

RECEIVED BY

JAN 21 1987

O. C. D.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR NOTICES OR REPORTS ON WELLS IN A DIFFERENT RESERVOIR.
USE APPROPRIATE FORMS FOR DIFFERENT RESERVOIRS.

5a. Indicate Type of Lease	State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	B-3823

OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
-----------------------------------	-----------------------------------	--------------------------------

Name of Operator

Frostman Oil Corporation ☒

Address of Operator

P. O. Drawer W, Artesia, NM 88210

Location of Well

UNIT LETTER L 400 FEET FROM THE West LINE AND 2240 FEET FROM

THE South LINE, SECTION 5 TOWNSHIP 18 S RANGE 28E NMPM.

15. Elevation (Show whether DP, RT, GR, etc.)

7. Unit Agreement Date

8. Form or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

Wildcat Penn

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER <input type="checkbox"/>	

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1109.

6/23/86: Shot off casing at 7846' with jet shot. Pulled casing out of hole.

6/25/86: Installed Halliburton packer shoe on bottom & Lynes casing formation packer 157' above bottom casing. Ran casing back to T.D. Packer shoe at 7832, Lynes packer at 7690. Dropped ball, loaded casing, broke circulation. Cemented with 100 Sxs of Class H Cement. Pumped plug down. Pressured casing to 3250'. Plug down 5:30 p.m. 6/25/86.

6/30/86: Ran bond log top of cement at 7400'. Perforated 7778' - 7787' (10 holes) acidized with 1000 gals of 15% acid. Swabbing all water.

7/2/86 : Perforated 7810'-7812' (1 shot per foot). Swabbed with packer at 7794' - all water.

7/3/86 : Perforated 7742' - 7756' (15 holes) Set bridge plug at 7768', packer at 7685', acidized with 1000 gal. 15% acid. Swabbed - all water.

7/9/86 : Perforated 7518' to 7534' (16 ft. - 17 holes). Acidized with 1000 gals. 15% acid. Swabbed - all water.

Set bridge plug at 7490', pulled tubing and shut in well.

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

FROSTMAN OIL CORPORATION

Original Signed By
Leslie A. Clements
Supervisor District #

TITLE Clarence Forister, President

DATE 1/20/87

JAN 27 1987

APPROVED BY DATE

CONDITIONS OF APPROVAL, IF ANY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. 1		IS RECEIVED	
DISTRIBUTION			
INTAKE			
LE			
S.O.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
REGISTRATION OFFICE			

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

AUG 24 '88

O. C. D.
ARTESIA, OFFICE

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. & W, Inc.

P. O. Box 98, Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)

- ☐ New Well
☐ Recompletion
☐ Change in Ownership
- Change in Transporter of:
☐ Oil
☐ Casinghead Gas
☐ Dry Gas
☐ Condensate

Other (Please explain)

Change of ownership give name
and address of previous owner

Frostman Oil Company, P. O. Drawer "W", Artesia, New Mexico 88210

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Walter Solt State	1	Wolfcamp	State, Federal or Fee State	SWD-130

Location

U. S. Section "1" : 2240' Feet From The FSL Line and 400' Feet From The FWL
Line of Section 5 Township 18-S Range 28-E, NMPM, Eddy County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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 is true and complete to the best of my knowledge and belief.

Peggy L. Bell
(Signature)

Office Manager
(Title)

8-23-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988, 19

BY Original Signed By

Mike Williams

TITLE

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

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviat 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.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2008
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-

NO. OF COPIES RECEIVED	
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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

JUL 26 '88

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
SWD-130

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Disposal Well	7. Unit Agreement Name Walter Solt State No.
2. Name of Operator I. & W, Inc. <input checked="" type="checkbox"/>	8. Farm or Lease Name Solt #1
3. Address of Operator P. O. Box 98, Loco Hills, New Mexico 88255	9. Well No. 1
4. Location of Well UNIT LETTER "L" 2240' FEET FROM FSL ONE AND 40 FEET FROM THE FWL LINE, SECTION 5 TC HIP 18-S RANGE 28-E NMPM.	10. Field and Pool, or Wildcat Wolfcamp
15. Elevation: (How whether D. T, GR, etc.) 3644.4' r.	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIATION WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
HER <input type="checkbox"/>		OTHER run tubing, acidizing	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2-8-88 Run tbq. hit fill at 7468', circulate to 7830', pump packer fluid.
2-9-88 set packer at 7457', pump treatment of 500 gal. zeloline, 5000 Gal.15% NE Acid.
Test to 500# W/ state man on location, held for 30 min.
Shut in waiting on battery to be build.

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

Signed Peggy L. Bell TITLE Office Mgr. DATE 7-23-88

APPROVED BY Mike Williams TITLE DATE DEC 6 1988

CONDITIONS OF APPROVAL, IF ANY:

FIELD _____ COUNTY _____ ady, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
CASE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
6114	4 1/4
6207	4 3/4
6229	4 3/4
6274	4 3/4
6305	4 3/4
6367	4 3/4
6427	4 1/2
6461	4 1/2
6524	4
6587	3 1/4
6648	3 1/4
6772	3
6936	2 1/2
7095	2
7485	1 1/4
7975	1 1/4
8500	1 1/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas
Margaret B. Anderson

FIELD _____ COUNTY Eddy, NM OCC NUMBER _____
OPERATOR Metex Pipe & Supply ADDRESS P. O. Box 1037, Artesia, New Mexico 88210
SE Walter Solt State WELL NO. 1
SURVEY NW/4, SW/4, Section 5, T-18-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
354	3/4
667	3/4
1001	3/4
1406	3/4
1685	3/4
2068	1 1/2
2690	1 1/4
2970	3/4
3610	1
3905	1 1/4
4155	1
4341	1
4478	3/4
4621	1
4746	1 1/2
4965	1 3/4
5158	1 3/4
5246	1 3/4
5340	2
5434	2 1/4
5519	2 1/2
5623	2 3/4
5717	3 1/2
5780	4
5843	4 1/2
5897	4 1/2
5958	4 3/4
5977	4 1/2
5990	4 1/4
6052	4 3/4
6083	4 3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: _____

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

19th day of February, 1986.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CO.	NO. RECEIVED	
DISTRIBUTION		
SANTA FE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
J.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL <input checked="" type="checkbox"/>	
	GAS <input checked="" type="checkbox"/>	
OPERATOR		
PRODUCTION OFFICE		

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator
I. & W, Inc.

Address
P. O. Box 98, Loco Hills, New Mexico 88255

Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> casinghead Gas	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership		

change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Walter Solt State	Well No. 1	Pool Name, including Formation Wolfcamp	Kind of Lease State, Federal or Fee State	Lease No. SWD-130
Location after "L" : 2240' Feet From The South Line and 400' Feet From The West Line of Section 5 Township 18-S Range 28-E, NMPM, Eddy Count				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Navajo Trucking	Address (Give address to which approved copy of this form is to be sent) P. O. Box 159, Artesia, New Mexico 88210
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit : L Sec. : 5 Twp. : 19-S Rge. : 28-E Is gas actually connected? When : 12-9-88 Post ID-2 copy SWD

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

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

Mike Butts
(Signature)
Manager
(Title)
10-27-88
(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 6 1988, 19
BY Original Signed By
Mike Williams
TITLE

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
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SANTA FE	✓
FM	✓
CL	✓
LA. OFFICE	✓
OPERATOR	

TYPE OF WELL Salt Water Disposal BPM OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator I. & W, Inc.Address of Operator P. O. Box 98, Loco Hills, New Mexico 88255

Location of Well

BY LETTER L LOCATED 400 FEET FROM THE West LINE AND 2240 FEET FROME. South LINE OF SEC. 5 TWP. 18-S RGE. 28-E NMDMDate Spudded 5-28-83 16. Date T.D. Reached 8-12-83 17. Date Compl. (Ready to Prod.) 3644.4' Gr. 18. Elevations (DT, KKB, RT, GR, etc.) 3654.4' KB1. Total Depth 8500 21. Plug Back T.D. 7981' 22. If Multiple Compl., How Many X 23. Intervals Drilled By X Rotary Tools Cable Tools

1. Producing Interval(s), of this completion - Top, Bottom, Name

25. Was Directional Survey Made
No

3. Type Electric and Other Logs Run

Micro-seismogram27. Was Well Cored
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	354'	17-1/2"	350 Sacks	
8 5/8"	24#	1745'	11"	650 "	
5 1/2"	17# N-80	8466'	7 7/8"	135 "	620'

LINER RECORD <u>7500'</u>					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
2-7/8" O. D.		7500			2-7/8"	7500"	7500'

1. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perfs 16 holes 7518'-7534'				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Perfs 10 holes 7632'-7642'			2 cmt.		5000 Gallons of Acid
Perfs 14 holes 7742'-7756'					
Perfs 10 holes 7778'-7787'					
Perfs 3 holes 7810'-7812'					

13. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

14. Disposition of Gas (Sold, used for fuel, vented, etc.)

15. Attachments

16. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Gregory L. Bell TITLE Office Manager DATE 8-23-88

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JUN 4 1991

WELL API NO.

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER SWD

2. Name of Operator

I & W, Inc.

3. Address of Operator

P.O. Box 98 Loco Hills, NM 88255

4. Well Location

Unit Letter L : 400 Feet From The West Line and 2240 Feet From The South L

Section 5 Township 18S Range 28E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3644.4 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Cement Squeeze: 5/3/91 to 5/9/91

1. Found hole in casing @ 7390'
2. Squeezed w/25 sks. premium plus w/2% CaCl₂ @ 14.8#/gal and 250 sks. neat @ 14.8#/gal.
3. Found cmt. top @ 6250' by temp. survey.
4. Drilled out cement & tested squeeze to 400# for 30 min. No pressure loss.
5. Ran back pkr. & tbg. & set @ 7457'. Tested backside to 300# for 30 min. No pressure loss. Well put back in operation.

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

SIGNATURE Michael R. Butts TITLE General Manager DATE 6/3/91

TYPE OR PRINT NAME Michael R. Butts TELEPHONE NO. 746-42

(Leave space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

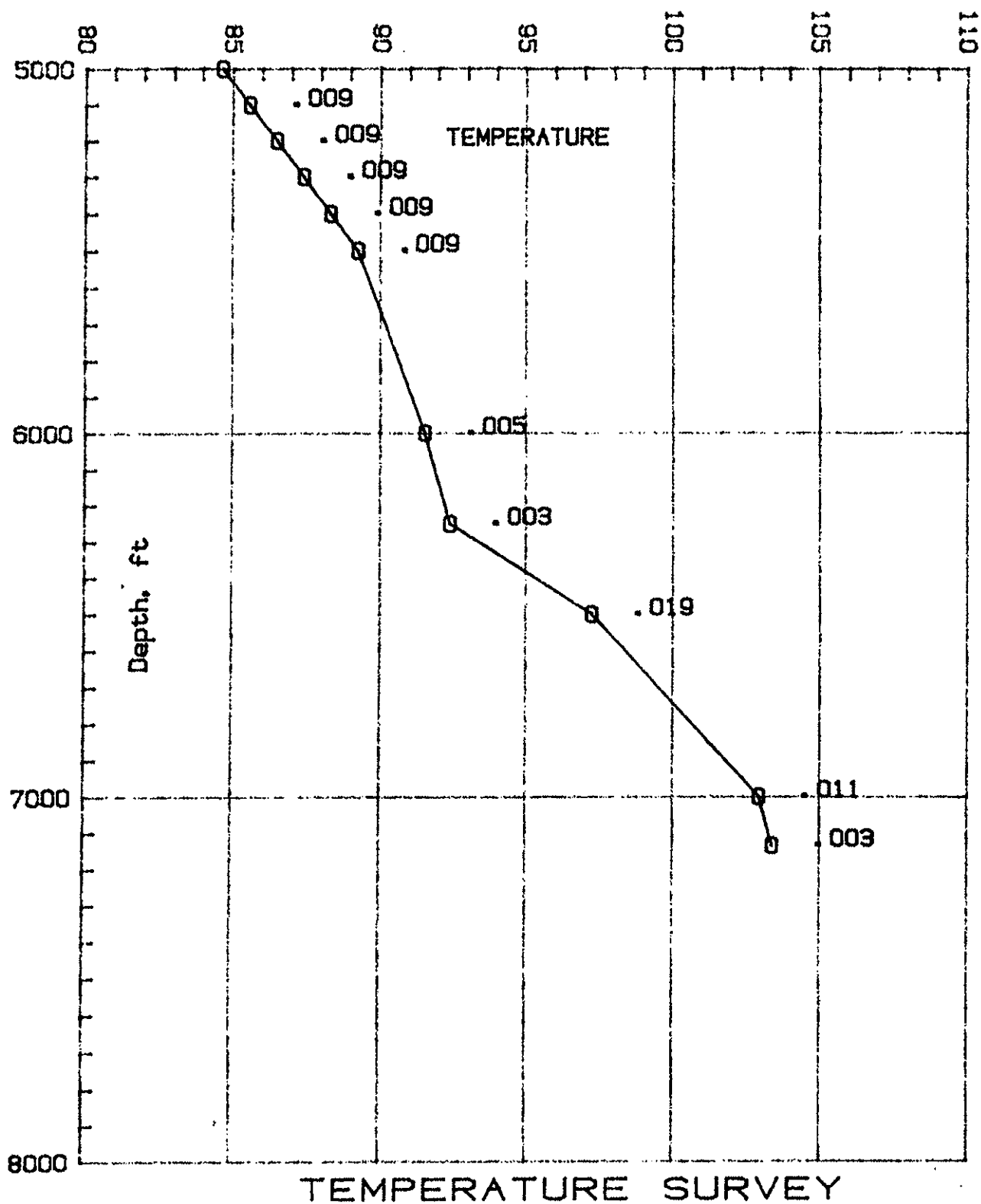
SUPERVISOR, DISTRICT II

APPROVED BY _____ DATE JUN 5 1991

CONDITIONS OF APPROVAL, IF ANY:

DEPTH ft	dDEPTH ft	TEMP °F	dTEMP °F	GRADIENT °F /ft
5000		84.6		
5100	100	85.6	.9	.009
5200	100	86.5	.9	.009
5300	100	87.4	.9	.009
5400	100	88.3	.9	.009
5500	100	89.2	.9	.009
6000	500	91.5	2.3	.005
6250	250	92.4	.9	.003
6500	250	97.2	4.8	.019
7000	500	103.0	5.7	.011
7134	134	103.4	.4	.003

CEMENT TOP @ 6250 ft.



I & W INC.

Field : EMPIRE ABO

Well # 1

Lease : WALTER SOLT SWD

County : EDDY

State : N. M.

Date of Run : 5/ 8/91

Gauge # 494

Run by : RAMON

5-18-28

RECEIVED

MAY 1991

O. C. O.

ARTESIA

✓
DENNETT-CATHEY

TEMPERATURE
SURVEY
REPORT

FOR:
I & W INC.
5/ 6/91

WELL INFORMATION :

LEASE :WALTER SOLT SWD
LOCATION :N/A
COUNTY :EDDY

WELL # 1

FIELD :EMPIRE ABO

FILE # IWWS1
STATE :N.M.

ELEVATION : 0.00

ZERO POINT :O.L.

TUBING SIZE :0

DEPTH : 0.0

CASING SIZE :0

DEPTH : 0.0

PACKER TYPE :0

@ 0.00 feet

PERFORATED 0.0 to

0.0 feet

TOTAL DEPTH : 7134.0

TEST INFORMATION :

WELL CONDITION :SQUEEZE

WELL TYPE :DISPOSAL

SURFACE TUBING PRESSURE 0 psig by N/A

SURFACE CASING PRESSURE 0 psig by N/A

BOTTOM HOLE TEMPERATURE 0 deg. F. at 7134.0 feet

BOTTOM HOLE PRESSURE 103.4 psig at 7134.0 feet

INSTRUMENT TYPE : KELTNER NUMBER : 494 RUN BY : RAMON

C WIRELINE dba BENNETT-CATHEY,P.O.BOX 787 ARTESIA,NM 88210

IT IS THEREFORE ORDERED: **SWD-318** **5/24/87**

1207# P01

7508
113-911-60
212
1410

That the applicant herein, I & W Inc. is hereby authorized to complete its Walter Solt State Well No. 1, located in Unit L of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Wolfcamp formation at approximately 7518 feet to approximately 7812 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 6000 feet.

1-21-87

Acoustic Cement Bond-

6000 - 7816

Comp Neutron. - LD

5000 - 8483

~~DL MSFL~~

0 - 8481

Electromagnetic Prop.

5000 - 8456

4-21-86

Micro Seismogram

Log Cased Hole

7300 - 7842

Cement Bond Log Variable Density

7690 - 8393

Cement Evaluation Log.

7900 - 8398

Change of Operator

LN

Information

New Operator Information

Effective Date: Effective on the date of a

56

OGRID: 283037

W INC

Name: WALTER SOLT, LLC

BOX 98

Address: PO Box 70

LOCO HILLS, NM 88255

City, State, Zip: Loco Hills, NM 88255

The rules of the Oil Conservation Division have been complied with a
form and the certified list of wells is true to the best of my knowledge

ing below, WALTER SOLT, LLC certifies that it has read and unders
e rules.

TOR certifies that all below-grade tanks constructed and installed pi
selected wells being transferred are either (1) in compliance with 19
pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply
7.11(I) NMAC.

I understand that the OCD's approval of this operator change:

approval of the transfer of the permit for any permitted pit, below-grade
associated with the selected wells; and

approval of the transfer of any below-grade tanks constructed and ins

As the operator of record of wells in New Mexico, WALTER SOLT, LLC agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.
9. I am responsible for providing the OCD with my current address of record and emergency contact

information, and I am responsible for updating that information when it changes. See 19.15.9.8.C NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."

10. If I transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See 19.15.9.9.B NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.

Previous Operator

Signature: Bayless E. Irby
Printed Name: Bayless E. Irby
Title: Vice President
Date: 10-12-11 Phone: 746-6915

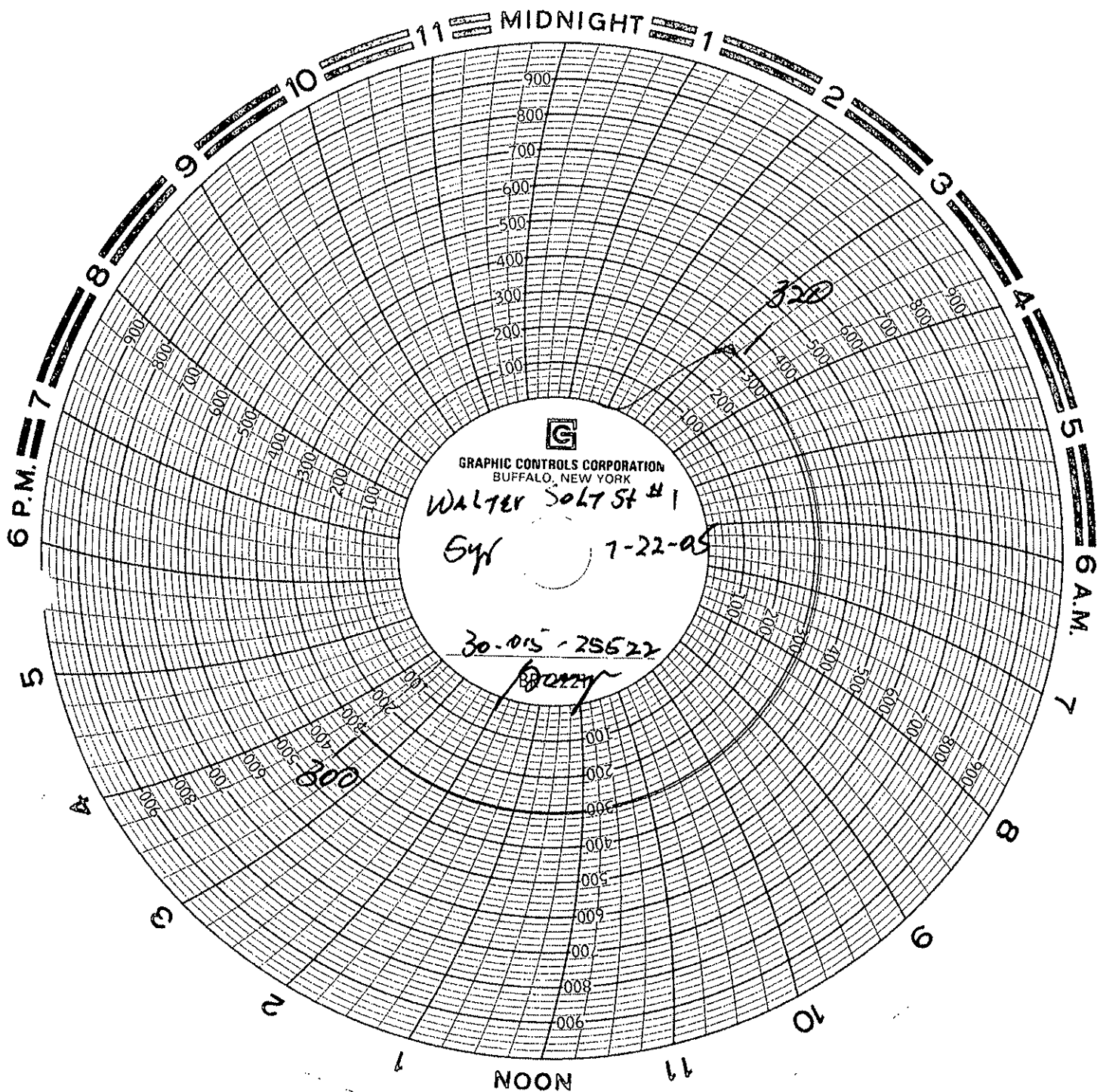
New Operator

Signature: Daryl Savage
Printed Name: Daryl Savage
Title: Partner
Date: 10/12/11 Phone: 575-746-6681

NMOCD Approval

Electronic Signature: Randy Dade, District 2

Date: October 12, 2011

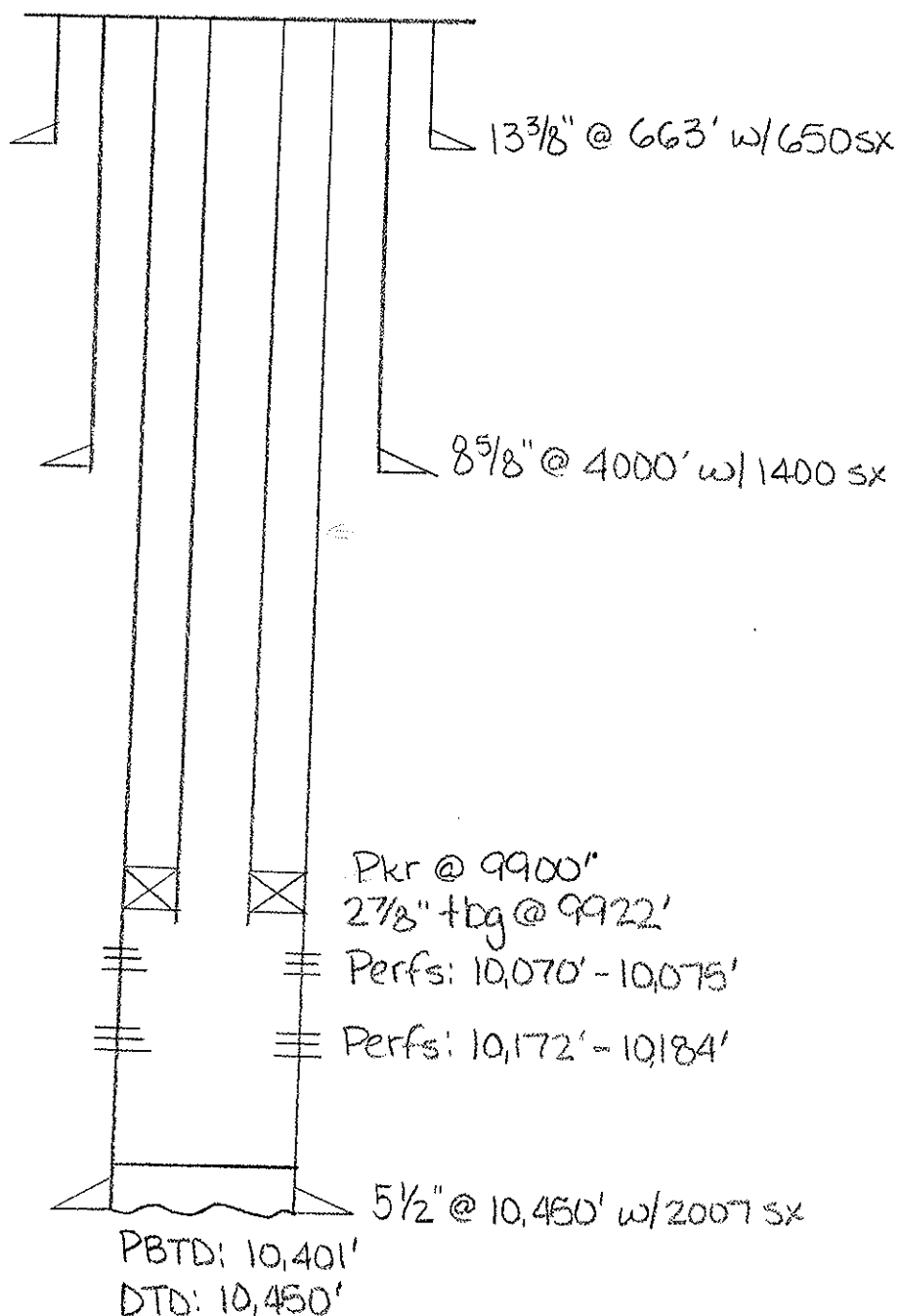


SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.
Map ID No. 78
Artificial Penetration Review

OPERATOR Conoco Phillips Co.
LEASE Illinois Camp A. Com
WELL NUMBER 1
DRILLED 5/28/83
PLUGGED NA

STATUS Active - Gas
LOCATION Sec. 5-T 18S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 6492'
API NO. 30-015-24485

REMARKS:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-83

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

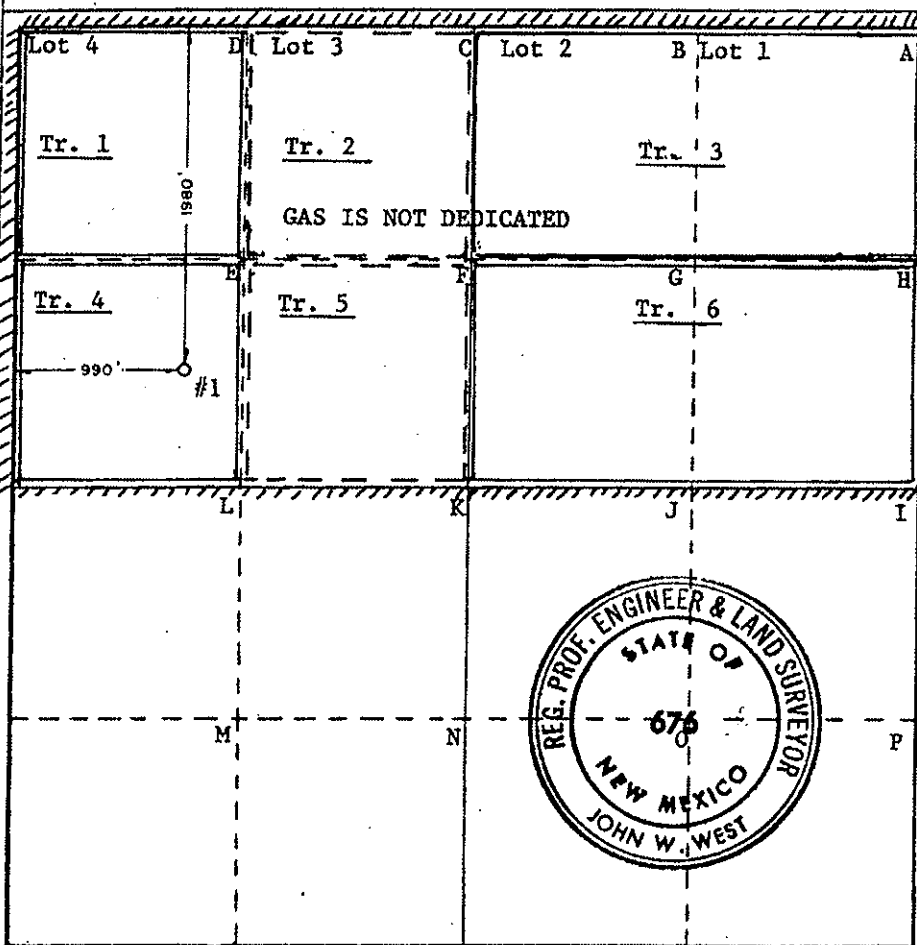
Operator Phillips Oil Company			Lease Illinois Camp "A" Com.			Well No. 1
Unit Letter E	Section 5	Township 18 South	Range 28 East	County Eddy		
Actual Footage Location of Well: 1980 feet from the north line and 990 feet from the west line						
Ground Level Elev. advise later	Producing Formation Morrow		Pool Wildcat	Dedicated Acreage: 320.88 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). SEE REVERSE SIDE
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 COMMUNITIZATION

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.

[Signature]
Name
W. J. Mueller

Position
Sr. Engineering Specialist

Company
PHILLIPS OIL COMPANY

Date
May 20, 1983

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
May 20, 1983

Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No.

John W. West, NM L.S. No. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

Tract 1 (Lot 4) - NW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Holly Energy, Inc.	29.16667 %
Read & Stevens, Inc.	4.16667 %
Amoco Prod. Co.	20.00000 %
American Petrofina Co. of Texas	11.11111 %
Rogers Aston, et al	22.22222 %
Rogers Aston & The First Nation Bank in Dallas, Co-Trustees of the "C" Trusts U/W of Bert Aston, Dec'd.	11.11111 %
Rogers Aston	3.70370 %
Charles Albert Aston	3.70370 %
Lincoln Aston	3.70370 %

Royalty Interest Owner: State of New Mexico, Lease No. B-11594

Tract 2 (Lot 3) - NE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Amoco Prod. Co.	50.00000 %
Cities Service Co.	47.39584 %
Tracy Clark	1.30208 %
Robert E. Boling & Mary Z. Boling	1.30208 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Tract 3 (Lots 1 and 2) - N/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Amoco Prod. Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. B-3823

Tract 4 - SW/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Aminoil USA, Inc.	100 %
-------------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-7179

Tract 5 - SE/4 NW/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owner:

Tenneco Oil Co.	100 %
-----------------	-------

Royalty Interest Owner: State of New Mexico, Lease No. E-2715

Tract 6 - S/2 NE/4 Section 5, T-18-S, R-28-E, Eddy County, New Mexico

Working Interest Owners:

Marathon Oil Co.	75 %
Cities Service Co.	25 %

Royalty Interest Owner: State of New Mexico, Lease No. 647

Phillips Oil Company ownership in the above leasehold will be earned through previously executed Farmout Agreements with Marathon Oil Company, Aminoil USA, Inc. and Southland Royalty Co.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

IL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

MAY 23 1983

O. C. D.

ARTESIA, OFFICE

API # 30-015-

Form C-101
Revised 10-1-78

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

E-7179

7. Unit Agreement Name

8. Farm or Lease Name

Illinois Camp A COM

9. Well No.

10. Field and Pool, or Wildcat

Undesignated Morrow GAS

12. County

Eddy

19. Proposed Depth

10,500'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

advise later

22. Approx. Date Work will start

upon approval

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

OIL WELL ☐

GAS WELL ☒

OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

Phillips Oil Company

3. Address of Operator

Room 401, 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well

UNIT LETTER E

LOCATED 1980

FEET FROM THE north

LINE

AND 990

FEET FROM THE west

LINE OF SEC. 5

TWP. 18-S

RCC. 28-E

NMPA

19. Proposed Depth

10,500'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

advise later

22. Approx. Date Work will start

upon approval

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	54.5# K-55	650'	800 sx Cl C	Circ at surface
11"	8 5/8"	32# K-55	3150'	8000 sx Cl C	Circ at surface
7 7/8"	5 1-2"	17#, 20#, N-80	10,500'	2000 sx Cl C	Sufficient to tie into intermediate casing string

UNORTHODOX LOCATION - Case No. 7876 Y&MT. APPROVAL - SF 5/24/83

Use mud additives as required for control

BOP Eqpt.: 5000# WP, double gate w/one annular preventer

GAS IS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 11/29/83

UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE SHOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature]

Title Senior Engineering Advisor

Date 5-20-83

(This space for State Use)

Original signed by

Layla A. Clements

Supervisor

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 3 2 1983

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
AUG 08 1983

Form C-103
Revised 10-1-78

API No. 30-015-

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-7179

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	CAB WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	7. Unit Agreement Name
1. Name of Operator			8. Farm or Lease Name
Phillips Oil Company			Illinois Camp A COM
2. Address of Operator			9. Well No.
Room 401, 4001 Penbrook, Odessa, Texas 79762			1
3. Location of Well			10. Field and Pool, or Whdcat
UNIT LETTER E 1980 FEET FROM THE North LINE AND 990 FEET FROM			Empire Penn
THE West LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E N.M.P.M.			Morrow Gas
15. Elevation (Show whether DF, RT, GR, etc.)			12. County
			Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
		OTHER Total Depth <input checked="" type="checkbox"/>	

11. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

5-30-83: MI & RU MGF drlg rig. Spudded 17-1/2" hole 5-28-83. Set 16 jts of 13-3/8" 54.5 K-55 Buttress csg @ 663'. Howco cmted w/650 sx class "C" w/2% CaCl + 1/4# Flocele/sx. Circd 169 sx to pit. Total WOC 18 hrs. Tstd BOP to 600# for 30 mins, OK.

5-31 thru

6-9-83: Drlg.

6-10,11,12-83: Set 94 jts of 8-5/8", 32#, k-55. ST & C scg @ 4000'. Howco cmted w/1400 sx Class C w/20% DD, 3#/sx Gilsonite & 1/4#/sx Flocele followed by 200 sx Class C. Circd 300 sx to surface. Total WOC 18 hrs. Tstd BOP to 3000# for 30 mins, OK.

6-13,22-83: Drlg.

6-23-83: Ran Survey. 10' drlg break f/6840-50: Circd samples to surface.

6-24,25,26-83: Drlg breaks: 6984-96', 7044-54', 7159-72', 7190-210', 7494-7502'. Trip for new bit @ 7496'. Drld 725' in 51 hrs.

BOP Equip 5000# WP, double gate w/one annular preventer.

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

Signed W. J. Mueller

TITLE Sr. Engineering Specialist

DATE August 1, 1983

Original Signed By

Leslie A. Clements

Supervisor District II

TITLE

DATE

AUG 15 1983

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

- 6-27-83: Drlg.
- 6-28-83: Drlg breaks: 8199-8229, no show, 8304-8315, no show; 8331-8348, no show. 30-40 units background gas. 391' in 10-3/4 hrs.
- 6-29 thru 7-7-83: Drlg.
- 7-8,9,10-83: Drlg. TD'd 7-7/8" hole @ 10,450. Circd 3 hrs & POOH. Rigged up Schlumberger & logging.
- 7-11-83: Schlumberger ran LDT/CNL/GR/ Cal, DLL/RXO/GR Cal, BHC Sonic.
- 7-12-83: Set 44 jts of 5-1/2" 20# N-80 LT&C Csg & 262 jts of N-80 LT & C csg & 3 jts of 20# N-80 LT & C csg @ 10,450'. Circd 1 hr. Howco cmtd w/1472 sx class "H" w/1/10% LWL. Circd 100 sx cmt on 1st stage. 2nd stage pmpd 235 sx class "H" w/20% DD & 1/4#/sx Flocele followed by 300 sx Class "H" neat. Set 5-1/2" slips & cut off & ND. Rel rig.
- 7-13-83: Ran temp survey. TOC @ 4040'. Prep to complete--WO completion unit.

STATE OF NEW MEXICO

INCLINATION REPORT

ONE COPY MUST BE FILED WITH EACH COMPLETION REPORT

API# 30-015-24485

Field Name Empire Penn Gas County Eddy
 Room 401,
 Operator Phillips Oil Company Address 4001 Penbrook City Odessa, TX
 79762
 Lease Name Illinois Camp A COM Well No. 1
 Location Unit E 1980 feet from the North line and 990 feet from
West line of Section 5, Township 18-S, Range 28-E

RECORD OF INCLINATION

Depth (Feet)	Angle of Inclination (Degrees)	Depth (Feet)	Angle of Inclination (Degrees)
340	3/4	3,553	1-1/4
640	2	3,705	1-1/2
745	2-3/4	3,753	1-1/4
775	2-1/2	3,861	1-1/2
830	2	4,000	1
891	2	4,085	1
1,179	1	4,239	1
1,273	1-1/4	4,382	1-1/2
1,335	1	4,396	1-1/2
1,390	1-3/4	4,490	1-1/2
1,461	1-1/2	4,550	1-3/4
1,556	1-1/2	4,640	2
1,675	1-1/4	4,750	2-1/4
1,836	1-1/4	4,800	1-3/4
1,931	1-1/4	4,925	2-1/4
2,050	1-3/4	4,956	2-1/4
2,140	1-1/2	5,021	2
2,265	1-1/2	5,084	2-3/4
2,365	2	5,145	2-3/4
2,425	2	5,210	2-3/4
2,490	1-1/4	5,270	3-1/4
2,550	2	5,292	3-1/4
2,615	1-1/2	5,336	3-1/4
2,678	1-1/4	5,400	3-1/4
2,740	1	5,462	3-1/2
2,830	1-1/4	5,525	3-1/2
2,930	1-1/4	5,587	3-1/4
2,990	1-1/2	5,650	2-3/4
3,050	1-1/4	5,712	2-3/4
3,145	1-1/4	5,775	2-3/4
3,210	1-1/4	5,837	2-1/4
3,303	1	5,900	1-3/4
3,395	1	5,962	2-1/4

I hereby certify that I have personal knowledge of the data and facts placed on this form and that such information given above is true and complete.

CONTINUED ON REVERSE SIDE

W. J. Mueller

Signature and Title of Affiant
 Sr. Engineering Specialist

Sworn and subscribed to before me, this the 15 day of August

19 83

Audrey J. Jacks Audrey J. Jacks
Notary Public in and for Ector
County, Texas

My Commission Expires

November 30, 1984

6,001	1-3/4
6,120	3
6,183	3
6,245	2-3/4
6,350	2-3/4
6,432	2-3/4
6,535	1-1/2
6,571	1-1/2
6,780	1-3/4
6,900	2
7,040	1-1/4
7,436	1-3/4
7,830	3/4
8,185	1-1/4
8,620	1-1/4
9,000	1-1/4
9,500	3/4
10,450	1-3/4

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API 30-015-24485

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
5. State Oil & Gas Lease No. E-7179	
7. Unit Agreement Name	
8. Farm or Lease Name Illinois Camp A COM	
9. Well No. 1	
10. Field and Pool, or Wildcat Empire Penn GAS	
12. County Eddy	
13. Date Spudded 5-28-83	16. Date T.D. Reached 7-10-83
17. Date Compl. (Ready to Prod.) 8-10-83	18. Elevations (DF, RKB, RT, GR, etc.) 2667' DF 2654' GR
19. Elev. Casinghead -	20. Total Depth 10450
21. Plug Back T.D. 10401	22. If Multiple Compl., How Many no
23. Intervals Drilled By Rotary Tools 0-10450'	24. Producing interval(s), of this completion - Top, Bottom, Name Morrow - top 10,005'; bottom 10,401'
25. Was Directional Survey Made no	26. Type Electric and Other Logs Run LDT, CNL/GR caliper, DLL-/RXO-GR, BHC Sonic
27. Was Well Cored no	

1c. TYPE OF WELL *Bfm*
OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Phillips Oil Company

3. Address of Operator
Room 401, 4001 Penbrook Street, Odessa, TX 79762

4. Location of Well
UNIT LETTER E LOCATED 1980 FEET FROM THE north LINE AND 990 FEET FROM the west LINE OF SEC. 5 TWP. 18S RGE. 28E

15. Date Spudded
5-28-83

16. Date T.D. Reached
7-10-83

17. Date Compl. (Ready to Prod.)
8-10-83

18. Elevations (DF, RKB, RT, GR, etc.)
2667' DF 2654' GR

19. Elev. Casinghead
-

20. Total Depth
10450

21. Plug Back T.D.
10401

22. If Multiple Compl., How Many
no

23. Intervals Drilled By
Rotary Tools
0-10450'

24. Producing interval(s), of this completion - Top, Bottom, Name
Morrow - top 10,005'; bottom 10,401'

25. Was Directional Survey Made
no

26. Type Electric and Other Logs Run
LDT, CNL/GR caliper, DLL-/RXO-GR, BHC Sonic

27. Was Well Cored
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5#	663'	17 1/2"	650sx Class C w/2% CaCl ₂ & 1/4# Floccle/sx	195'
8 5/8"	32#	4000'	11"	1400sx Class C w/20% DD	circ 300sx
5 1/2" 20# 10450 w/DV @ 6500' 7 7/8' see reverse side Temp TOC 4040'					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 7/8"				9922

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9922	9900

31. Perforation Record (Interval, size and number)
10172-84' & 10070-75', 4 JSPF, 68 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. See Form C-122 attached

34. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
8-10-83	Flwg	shut in pending connection

35. List of Attachments
Logs furnished direct by logging company

36. Disposition of Gas (Sold, used for fuel, vented, etc.)
Shut in pending gas connection

37. Text Witnessed By
Richard Townley

38. SIGNATURE
W. J. Mueller TITLE Sr. Engineering Specialist DATE 8-15-83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 8630	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9199	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Alaka _____ 9656	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. xxxx Morrow _____ 10005	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. xxxx Morrow Clastics _____ 10015	T. Menefee _____	T. Madison _____
T. Queen _____	T. Chester Shale _____ 10247	T. Point Lookout _____	T. Eibert _____
T. Grayburg _____	T. Miss Lime _____ 10393	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quartz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Elicenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5700	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 6877	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8152	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	715	715	Surface rock				
715	2080	1365	Anhydrite				
2080	2905	825	Anhydrite, lime				
2905	5708	2803	Lime				
5708	6928	1220	Lime, shale				
6928	7758	830	Lime, dolomite				
7758	9570	1812	Lime, shale				
9570	9716	146	Lime, chert				
9716	9989	273	Lime, shale				
9989	10190	201	Lime, shale, sand				
10190	10260	70	Lime				
10260	10329	69	Lime, shale				
10329	10450	121	Shale				

Item 28: Cmtd 5 1/2" csg w/1472 sx Class C
 w/10%LWL; opened DV @6500, circ 100sx, Cmtd w/
 235 sx w/20%DD & 1/4#Flocele/sx & 300sxClass H
 WOC, ran temp survey, TOC 4040'

(505) 746-3354 / Artesia, New Mexico 80010

COMPANY PHILLIPS OIL WELL NAME ILLINOIS CAMP "A" COM. #1
DATE OF TEST 8-10-83 FORMATION PAGE 1 OF 1
COMPANY MAN LYNDALL HAWKINS

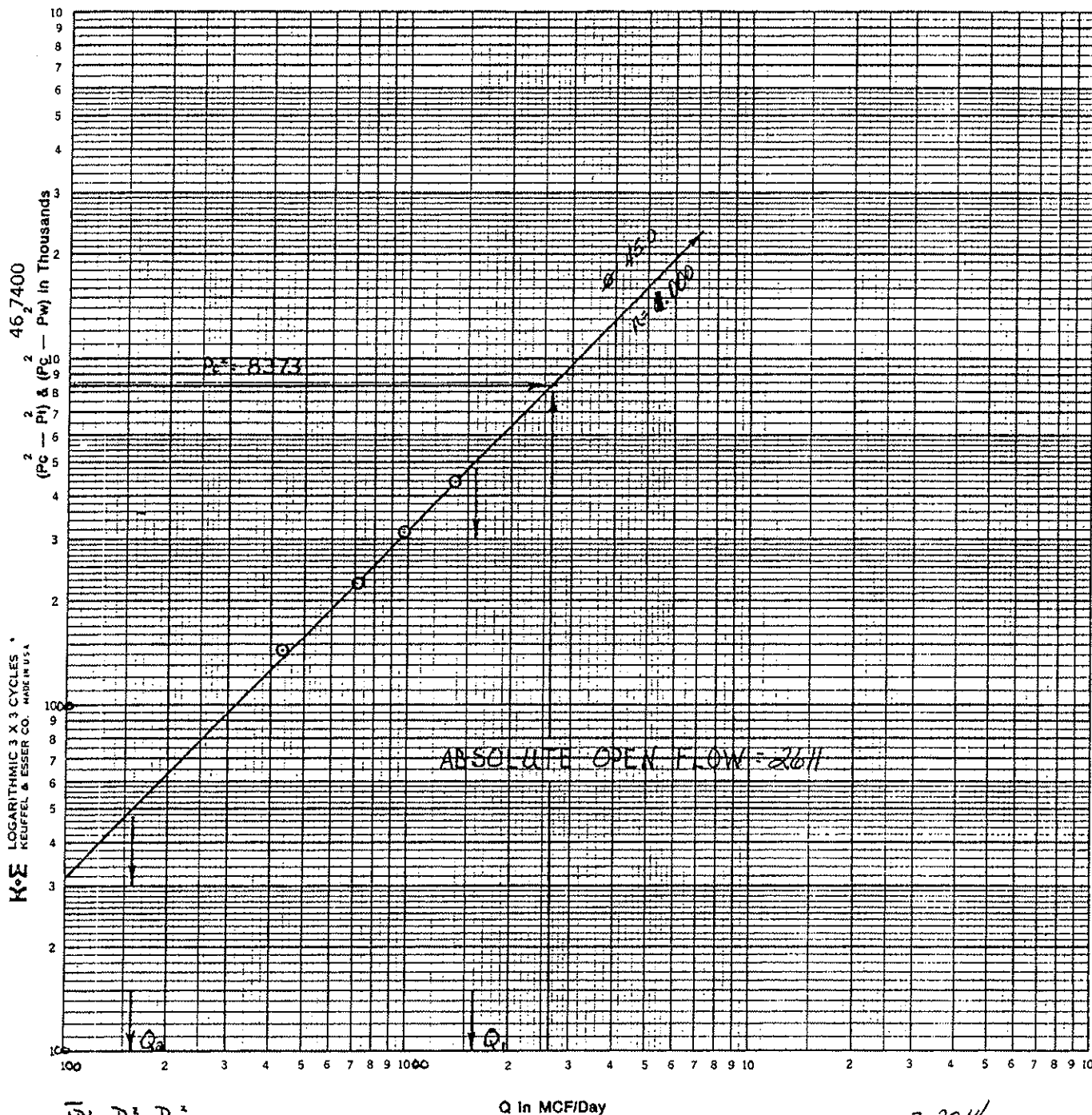
ELEMENT NUMBER	RPG3#46950	RANGE	7250 LBS.
CLOCK NUMBER	1935	RANGE	12 HOUR
ELEMENT NUMBER	RPG3#46951	RANGE	7000 LBS.
CLOCK NUMBER	B-3443	RANGE	12 HOUR
TIME WELL SHUT IN	N/A		
TIME CLOCK STARTED	0743 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON SURFACE	2892.2 PSIA	SHUT IN	LBS.
TIME ELEMENT REACHED BOTTOM	1017 HOUR	8-10-83	
DEAD WEIGHT ELEMENT ON BOTTOM	2892.2 PSIA	SHUT IN	LBS.
ELEMENT SET AT	10,250	FEET	
TEMPERATURE	10,250	FT.	162 °F.
2006 PSIA	DEAD WEIGHT AT THE END OF	4 HOURS	0 MINUTES

[illegible]

BACK PRESSURE CURVE

Operator Phillips oil Lease Tilinois camp A com. Well No. 1
 County Eddy Field _____ Location 5 18S 28E
 Date of Test 8/10/83 Slope "n" 1.000 Angle of Slope 45.0

Calc. Abs. Potential 2611 MCF/D



$$\Delta \bar{P}_1: P_c^2 - P_w^2 =$$

$$\Delta \bar{P}_2: P_c^2 - P_w^2 =$$

$$Q_1 = 1590$$

$$Q_2 = 159$$

$$\log Q_1 = 3.2014$$

$$\log Q_2 = 2.2014$$

$$n = 1.000$$

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.9034 \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.9034$$

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-1-78

AUG 16 1983

REQUEST FOR ALLOWABLE O. C. D.
AND
ARTESIA OFFICE
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS API #30-015-24485

OPERATOR	
Phillips Oil Company	
Address	
Room 401, 4001 Penbrook Street, Odessa, Texas 79762	
Reason(s) for filing (Check proper box)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain)	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Illinois Camp A COM	1	Empire Penn	State, XXXXXX	E7179
Location				
Unit Letter <u>E</u> ; 1980 Feet From The <u>north</u> Line and <u>990</u> Feet From The <u>west</u>				
Line of Section <u>5</u> Township <u>18-S</u> Range <u>28-E</u> NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co. - Touchco</u>	<u>1401 Penbrook Odessa, TX 79762</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Phillips Pet. Co.</u>	<u>1401 Penbrook Odessa, TX 79762</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<u>E 5 18 28</u> <u>yes</u> <u>1-26-84</u>

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
5-28-83	8-10-83	10450	10401					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
2667' DF, 2654' Gr	Morrow	10005-10,170	9922					
Perforations	Depth Casing Shoe							
10070-75', 10172-84'	10450							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2"	13 3/8"	663'	650exG-laseG.Circ195ex
11"	8 5/8"	4000'	600exG-laseG.Circ300ex
7 7/8"	5 1/2"	10450"	2007stClHw/add.TempTCC4040'
2 3/8		9922	

VI. 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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	

Length of Test	Tubing Pressure	Casing Pressure	Choke Size
			Post TD 2-8-19-83
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
			Comp 1/2K

GAS WELL Form C-122 fwd separate cover 8-15-83

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
CAOF 24 hrs AOF 2611		119 BC	53
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
BP	2879	pkc	1 1/2" orifice

7. CERTIFICATE OF COMPLIANCE

OIL CONSERVATION DIVISION

I hereby certify that the rules and regulations of the Oil Conservation

APPROVED FEB 16 1984

19

This form is to be filled 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 deviate 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.

W. J. Mueller

(Signature)

Senior Engineering Specialist

(Title)

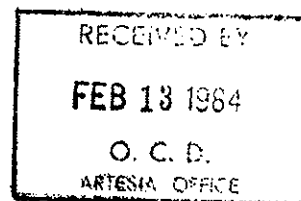
8-15-83



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



DATE: February 10, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210

NOTICE OF GAS CONNECTION

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company ✓
Operator

Illinois Camp A¹#1, E, 05-18-28, Empire/Penn (H.P.)
Lease Well Unit S. T. R. Pool

Phillips Petroleum Company, was made on 1-26-84
Name of Purchaser

Phillips Petroleum Company

J. E. Rush
J. E. Rush-Representative

Production Records Supervisor
Rm. 215 Phillips Building

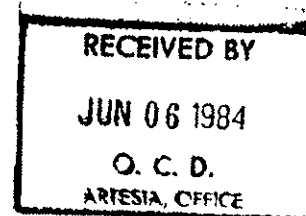
cc: To Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region



DATE: June 5, 1984

ENERGY AND MINERALS DEPT.
OIL CONSERVATION DIVISION
ATTN: MR. W. A. GRESSETT
DRAWER "DD"
ARTESIA, NEW MEXICO 88210 ✓

NOTICE OF GAS CONNECTION: ✓

This is to notify the Oil Conservation Commission that connection
for the purchase of gas from Phillips Oil Company
Operator

Illinois Camp "A" Com #1, E, 05-18-28, Empire/Penn
Lease Well Unit S. T. R. Pool

Phillips Petroleum Company, was made on May 16, 1984
Name of Purchaser

Phillips Petroleum Company

J. B. Rush
J. B. Rush - Representative

Production Records Supervisor
Rm. 215 Phillips Building

cc: Operator
Oil Conservation Commission - Santa Fe



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

October 11, 1984

RECEIVED BY

OCT 15 1984

O. C. D.
ARTESIA, OFFICE

Leasehold Production Requirements -
Illinois Camp A Com No. 1 -
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company ✓
Box 2105,
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before November 16, 1984. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,

E. E. Clark,
Agent

THM:se

cc: Commissioner of Public Lands,
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

✓ New Mexico Department of Energy
Oil and Gas Division
Drawer DD,
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP January 8, 1985
Permian Basin Region

Leasehold Production Requirements -
Illinois Camp A Com No. 1 - ✓
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

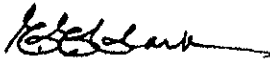
Attention: Mr. A. A. Hochstein
Area Manager

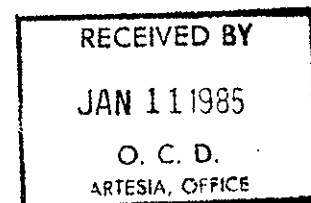
Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, for one day and at a total production volume not to exceed 50 Mcf gas, on or before January 16, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,


E. E. Clark
Agent



THM/kjw
REG3/111

cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP
Permian Basin Region

March 28, 1985

RECEIVED BY

APR -3 1985

O. C. D.

ARTESIA, OFFICE

Phillips Oil Company
Box 2105
Hobbs, New Mexico 88240

Attention: Mr. A. A. Hochstein
Area Manager


In Re: Leasehold Production Requirements -
Illinois Camp A Com No. 1
Artesia Plant/Gathering Systems Gas Well
Proration, Eddy County, New Mexico

Gentlemen:

This will constitute authority for the physical production of the Phillips Oil Company Illinois Camp A Com Well No. 1, Empire Pennsylvanian Gas Pool, located in Unit E, Section 5, T-18-S, R-28-E, Eddy County, New Mexico, at a total production volume not to exceed 50 Mcf/D gas, on March 28 and 29, 1985. It is understood that the production to be allowed is in line with proration advice dated September 4, 1984, for the subject systems, and is expressly for leasehold purposes. It is also understood that the drillsite lease is further identified as State of New Mexico Oil and Gas Lease No. E-7179. This authorized production made may be repeated every other month.

Production arrangements should be made with the appropriate Phillips Oil Company operating personnel.

Cordially,


E. E. Clark
Agent

EEC:THM:cjw

cc: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

New Mexico Department of Energy
Oil and Gas Division
Drawer DD
Artesia, New Mexico 88210

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RECEIVED BY
AUG 01 1985
O. C. D.
ARTESIA, OFFICE

PHILLIPS PETROLEUM COMPANY

4001 Penbrook Odessa, Texas 79762

How Well

Recompleting

Change in Concentration

Change in Transporter etc

414

☐ Contingency Plan

Dry Gas

Cardiac

Other (Please explain)

Changed from

Phillips Oil Company August 1, 1985

change of ownership give name
address of previous owner _____

PHILLIPS OIL COMPANY 4001. Penbrook Odessa, Texas

See Name	Well No.	Pool Name, indicating Formation	Kind of Lease State, Federal or Fee	Lease State
Illinois Camp A Com	1	Empire Penn	State	E7179

Section _____

Unit Letter E : 1980 Feet From The North Line and 990 Feet From The West

Line of Section 5 Township 18-S Range 28-E N14PM Eddy Co

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent,	
Phillips Petroleum Company-Trucks		4001 Penbrook Odessa, Texas 79762	
Name of Authorized Transporter of Crudehead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>		Address (Give address to which approved copy of this form is to be sent,	
Phillisp Petroleum Company		4001 Penbrook Odessa, Texas 79762	
well produces oil or liquids, re location of tanks.	Unit	Sec.	Twp.
			Rgn.
		Is gas actually connected? When	
		Post ID-?	

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

NOTE: Complete Parts IV and V on reverse side if necessary.

reby certify that the rules and regulations of the Oil Conservation Division have
n complied with and that the information given is true and complete to the best of
knowledge and belief.

Production Records Supervisor

July 25, 1985

APPROVED AUG 6 1985, 19
BY
 ORIGINAL SIGNED
 BY LARRY BROOKS
 GEOLOGIST - NMCD
TITLE

This form is to be filed in compliance with NULG 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 dev tests taken on the well in accordance with NULG 111.

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

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

Separate Form C-104 must be filed for each pool in the completed wells.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY

AUG 20 1986

API No. 30-015-24485

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-7179	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PROPOSAL TO DRILL OR RE-DRILL OR PLUG BACK TO A DIFFERENT RESERVOIR" FORM C-101.)

6. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
8. Name of Operator Phillips Petroleum Company		8. Form or Lease Name Illinois Camp A COM
9. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762		9. Well No. 1
10. Location of Well UNIT LETTER E 1980 FEET FROM THE north LINE AND 990 FEET FROM THE west LINE, SECTION 5 TOWNSHIP 18-S RANGE 28-E N.M.P.M.		10. Field and Pool, or Wildcat Empire Penn
11. Elevation (Show whether DF, RT, GR, etc.) 2654' GR		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Clean out frac sand w/coiled tbg unit & return to production

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.

7-16-86: 10401'PTD RU coiled tbg unit. Ran tbg to depth of 4200', developed a hole in 1" tbg & pulled from well.
Last test: 0 BO, OBW & 0 MCFG.

7-17 thru
7-21-86:

WIH w/1" tbg & washing tool, lost circ at depth of 7200'. Shut off nitrified circ fluid and displaced tbg with nitrogen, foam displaced from tbg very thick and heavy. Ran tbg to depth of 9900' while pumping nitrogen, started nitrified circ fluid at this point. Pmp press went from 1700 psi to 4000 psi after starting nitrified circ fluid. No returns at surface. SD circ fluid and displaced tbg w/nitrogen. Good returns w/just nitrogen.

7-22-86: MI & RU DDU. Dropped standing valve and RU rotary. WIH w/perf gun. Perf'd tbg at 9788'. Swbd 3 hrs, IFL 2800', FFL at 4000', rec 36 BW.

7-23-86: Swbd FL down to 9000'. ND wellhead & NU BOP. Released pkr at 9906', POOH. WIH w/hydrostatic bailer and tagged sand at 10180'. CO to 10280'.

7-24-86: POOH w/hydrostatic bailer, WIH w/wire-line guide, 1 jt 2-3/8" tbg,

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

SEE REVERSE SIDE

SIGNED N. E. Porter TITLE Gas Reservoir Engineer DATE August 18, 1986

Original Signed By
Les A. Clements
Supervisor District II

APPROVED BY Les A. Clements TITLE Supervisor District II

CONDITIONS OF APPROVAL, IF ANY:

DATE AUG 22 1986

7-24-86; (Cont.) 5-1/2" Big-Bore Lok-Set pr, 10' 2-3/8" Sub, F-Nipple, 365 lbs
 2-3/8" cbg internally tested to 5000 psi above slips, Set pr at
 9900' with 11000# compression. ND BOP, NU wellhead. Loaded
 tbg-csg annulus with 2% KCL water & tested to 500 psi for
 30 min, held ok. Swd 4 hrs, rec 14 BW.
 7-25-86: SITP 200 psi. Bled well down. Swd 8 hrs, rec 57 BW.
 Well kicked off flowing. Put well on line.
 7-26-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.
 7-27-86: Flwd 24 hrs on 29/64" choke, rec 450 MCFGPD.

Job complete.

RECEIVED BY

MAR 05 1986

O. C. D.
ARTESIA, OFFICESTATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTForm C-104
Revised 10-01-78
Format 08-01-83
Page 1

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	<input checked="" type="checkbox"/>
OIL	<input checked="" type="checkbox"/>
NATURAL GAS	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
PRODUCTION OFFICE	

Operator PHILLIPS PETROLEUM COMPANY	
Address 4001 Penbrook Odessa, Texas 79762	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter oil: <input type="checkbox"/> Oil <input type="checkbox"/> Condensate Gas <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate
Effective date 1-1-86	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Illinois Camp A Com	Well No. 1	Pool Name, including Formation Empire Penn	Kind of Lease State, Federal or Fee State	Lease No. E7179
Location				
Unit Letter E	1980	Feet From The North	Line and 990	Feet From The West
Line of Section 5	Township 18S	Range 28E	, NMPM, Eddy County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

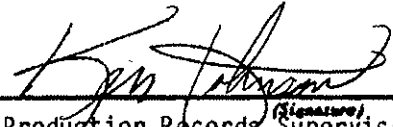
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips Petroleum Company-Trucks	4001 Penbrook, Odessa, Texas 79762
Name of Authorized Transporter of Condensate Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips 66 Natural Gas Company	4001 Penbrook, Odessa, Texas 79762
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

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

NOTE: Complete Parts IV and V on reverse side if necessary.

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 is true and complete to the best of
my knowledge and belief.


 Ken Johnson
 Production Records Supervisor
 January 24, 1986 (Title)
 (Date)

OIL CONSERVATION DIVISION

APPROVED MAR 7 1986, 19
 Original Signed By
 BY Les A. Clements
 TITLE Supervisor District II

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 allow-
able 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 multiply
completed wells.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.I.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY
 JAN 27 1986
 O.C.D.

BOX 2088
 SANTA FE, NEW MEXICO 87501

API No. 30-015-24485

30. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
31. State Oil & Gas Lease No.
E-7179

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Unit Agreement Name
Name of Operator Phillips Petroleum Company	8. Form or Lease Name Illinois Camp A COM
Address of Operator Room 401, 4001 Penbrook Street, Odessa, Texas 79762	9. Well No. 1
Location of Well UNIT LETTER <u>E</u> <u>1980</u> FEET FROM THE <u>north</u> LINE AND <u>990</u> FEET FROM THE <u>west</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18-S</u> RANGE <u>28-E</u> N.M.P.M.	10. Field and Pool, or Whose Empire Penn
11. Elevation (Show whether DF, RT, GR, etc.) 2654' GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
<input type="checkbox"/> IMPROVE REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> WILL OR ALTER CASING <input type="checkbox"/> OTHER	<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS	<input checked="" type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER	<input type="checkbox"/> ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1162.

12-19-85: MI & RU DDU. FL @ 8000' from surface. Swbd down to SN @ 9895'. Installed wellhead isolation tool & tested. Loaded annulus w/2% KCL water w/1% technib 370. Held 1000# on annulus during treatment. Acidized Morrow perms w/3000 gals 7 1/2% low surface tension HCL acid; 78,000 SCF nitrogen. Flowed well to pit, well flowed 1 hr 20 min approx 50 bbls load. WIH w/swab, tbq dry no fluid to SN. SDON

12-20-85: WIH w/swab to SN, 900' scattered fluid. Swbd 2 bbls in 5 hrs.

12-21 & 22-85: Well SI.

12-23 thru

12-25-85: TP 50#. Blew well down. WIH w/swab to SN, 800' scattered fluid. Installed wellhead isolation tool and tested. Treated Morrow perms 10,070'-10,184' w/ 29,000 gals cross linked gelled 2% KCL water carrying 18,000# 20/40 mesh sand and 8,000# 20/40 ceramic proppant, energized w/800 SCF/bbl nitrogen. Left well closed in three hours after treatment. Bled well to pit. Well flowed 2.5 hrs to pit (nitrogen gas) and then died. WIH w/swab to seating nipple, pulled approx. 800'-900' of scattered fluid. Closed well in. 12-24: TP 500#, blew well down to pit. WIH w/swb, pulled approx. 600' fluid. Waited 1 hr, made

SEE REVERSE SIDE

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

N. E. Porter Original Sign Senior Gas Well Engineer

DATE 1-23-86

Supervisor District 11

JAN 29 1986

12-24-85 (cont.) another run. Could not get any fluid out of hole. SDON.
12-25: Well SI.

12-26-85: TP 600#. Well flowed to pit for one hr and died. Made 2 swb runs, well kicked off and started flowing at 11:00 a.m., flowed well until 9:00 p.m. Gas to wet to burn. Closed well in, SDON.

12-27-85: TP600#. Opened well to pit to clean up. Flowed well until 2:00 p.m. Well cleaned up. Gas burning good and clean. Placed well on production.

12-28- thru
1-19-86: Tested well.

1-20-86: Flowed well at a rate of 962 MCFD, FTP 463#.

Job complete, well returned to production.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

CLSF
DP

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

JAN 28 1994

WELL API NO. 30-015-24485
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7179
7. Lease Name or Unit Agreement Name Illinois Camp A Com
8. Well No. 1
9. Pool name or Wildcat Empire Penn
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Phillips Petroleum Company	
3. Address of Operator 4001 Penbrook St., Odessa, Texas 79762	
4. Well Location Unit Letter E : 1980 Feet From The North Line and 990 Feet From The West Line Section 5 Township 18-S Range 28-E NMPM Eddy County	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Set plug ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

11/19/93 Pump 20 bbls 2% KCL down tubing. MI RU. Install shop tested lubricator to 5000 psi. GIH with 2" gauge run to 10080'. COOH. GIH with thru-tubing bridge. Set at 10006'. COOH. GIH with 2" bailer and dump 30# lead shot on plug. COOH. GIH and dump 6' of cement on plug. COOH. RD M/O. Shut well in.
11/23/93 MI RU, install lubricator. GIH with retrieving tool and close vent. COOH. GIH with bailer and dump 14' cement on plug. COOH. RD M/O. Shut well in to let cement set.
11/30/93 RU & pumped 55 bbls 2% kcl. Tested plug to 1900#. Well broke back to 0 psi. Well on vacuum. RD M/O.

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

SIGNATURE L. M. Sanders TITLE Supv., Reg. Affairs DATE 1/24/94

TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. 915/368-1488

(This space for State Use)

SUPERVISOR DISTRICT I

FEB 9 1994

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

II. ¹⁰ Surface Location

¹¹ Bottom Hole Location

III. Oil and Gas Transporters

RECEIVED

JUN 22 1995

~~OIL CON. DIV.~~

IV. Produced Water

V. Well Completion Data

VI. Well Test Data

46 I hereby certify that the rules 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.

Signature:

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT 11 SUPERVISOR

Title:

Date: 06/19/95	Phone: (915)368-1675	JUL 19 1995	
47 If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
2654' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook Street, Odessa, TX 79762

4. Well Location
Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line

Section 5 Township 18-S Range 28-E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
2654' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: ADD PERFS & TEST MID MORROD FORMATION <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- HIRU HES, NU WELLHEAD, RIH W/SINKER BAR, GAUGE RING ON WIRELINE TO PBTD, COOH.
- RIH W/PERF GUN AND PERF MIDDLE MORROW AS FOLLOWS:
10,028'-10,036', 4 SHOTS PER FOOT, 8 FOOT, 33 SHOTS, COOH, RDMO HES,
- PRODUCE WELL INTO THE GAS PRODUCTION UNIT, REPORT FLOW RATE AND FLOWING TBG PRESSURE UNTIL WELL STABILIZES.

RECEIVED

MAY - 8 1996

OIL CON. DIV.
DIST. 2

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

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 05/02/96
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM DATE MAY 9 1996
DISTRICT II SUPERVISOR
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-24485
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	F-7179
7. Lease Name or Unit Agreement Name	ILLINOIS CAMP A COM
8. Well No.	001
9. Pool name or Wildcat	EMPIRE PENN

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	2. Name of Operator Phillips Petroleum Company
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	4. Well Location Unit Letter E : 1980 Feet From The NORTH Line and 990 Feet From The WEST Line
5. Section 5 Township 18-S Range 28-E NMPM EDDY County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 2654' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ADD PERFS & TST MIDDLE MORROW ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

05/27/96 MI RU HALLIBURTON T/CK PBTD & PERF MID MORROW, INSTALL PRE-TESTED 5000# LUB, FLOW TBG PRESS 68 PSI RATE 58 MCF GAS, CONTINUE PRODUCING DURING WL OPER, WIH W/SINKER BAR 2-1/8" GAUGE RING & JNK BSKT T/10300' (116' BELOW BTM PERF @ 10,184'), POOH, WIH W/2-1/8" DYNASTAR STRIP GUN W/15.5 GR CHRGS 4 SPF & 0 DEG PHASING, PERF'D MID MORROW: 10208'-10036' (8' 3 SHOTS) CORRELATED W/SCHLUMBERGER GR-CCL LOG DATED 8-1-83, PRESS WENT FR/60 PSI T/150 PSI F/5 MIN 5:10PM, T/143 PSI @ 5:30 & 136 PSI @ 6:00 PM, RD HALLIBURTON, FLOW WELL.

5/28/96 PRODUCING 90# FLOW PRESS RATE 111 MCF P/D.

5/29/96 PRODUCING 86# FLOW PRESS @ 101 MCF P/D.

5/30/96 PRODUCING 84# FLOW PRESS @ 98 MCF P/D, FINAL REPORT.

COMPLETE DROP FROM REPORT

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

SIGNATURE Larry M. Sanders TITLE Senior Regulation Analyst DATE 07/11/96
TYPE OR PRINT NAME Larry M. Sanders TELEPHONE NO. (915) 368-1488

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

JUL 17 1996

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104A
March 19, 2001

Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to appropriate
District Office

Change of Operator

Previous Operator Information:

OGRID: 017643
Name: Phillips Petroleum Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

New Operator Information:

Effective Date: 01/01/2003
New Ogrid: 217817
New Name: ConocoPhillips Company
Address: 4001 Penbrook Street
Address: _____
City, State, Zip: Odessa, TX 79762

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: Yolanda Perez

Printed name: Yolanda Perez

Title: Sr. Regulatory Analyst

Date: 12/30/2002 Phone: (832)486-2329



Previous operator complete below:

Previous
Operator: Phillips Petroleum Company
Previous
OGRID: 017643
Signature: Steve de Albuquerque
Printed
Name: Steve de Albuquerque

<u>NMOCD Approval</u>	
Signature:	<u>Jim W. Beam</u>
Printed Name:	<u>Jim W. Beam</u>
District:	_____
Date:	<u>JAN 24 2003</u>

30-015-24485

IT IS THEREFORE ORDERED:

(1) That the application of Rio Pecos Corporation for an unorthodox gas well location for the Wolfcamp/Pennsylvanian formations is hereby approved for a well to be located at a point 1980 feet from the North line and 990 feet from the West line of Section 5, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(2) That the N/2 of said Section 5 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY,
Director

9-9-93

Ch-LD

Surf. - 10448

DfL - 877

6500 - 10449

BCDL

6500 - 10445

CP

6500 - 10450

R-7286 - NSL

Ria^{1st} - 7876



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

*Field Inspection Program
"Preserving the Integrity of Our Environment"*

21-Jul-05

CONOCOPHILLIPS COMPANY

4001 Penbrook St.

Odessa TX 79761

NOTICE OF VIOLATION - Inspection

Dear Operator:

The following inspection(s) indicate that the well, equipment, location or operational status of the well(s) failed to meet standards of the New Mexico Oil Conservation Division as described in the detail section below. To comply with standards imposed by Rules and Regulations of the Division, corrective action must be taken immediately and the situation brought into compliance. The detail section indicates preliminary findings and/or probable nature of the violation. This determination is based on an inspection of your well or facility by an inspector employed by the Oil Conservation Division on the date(s) indicated.

Please notify the proper district office of the Division, in writing, of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and/or facility.

INSPECTION DETAIL SECTION

ILLINOIS CAMP A COM No.001

E-5-18S-28E

30-015-24485-00-00

Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
07/21/2005	Routine/Periodic	Chris Beadle	Yes	No	8/22/2005	ICLB0520250048
Violations						
Absent Well Identification Signs (Rule 103)						

Comments on Inspection: Well Sign not in compliance with Rule 103. Sign does not list footages or API number as required by NMAC 19.15.3.103.F(4) and (5).

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data.
*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.

District I
1635 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

NMLB0915353481

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	ConocoPhillips Company	Contact	John W. Gates
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	505.391.3158
Facility Name	Illinois Camp Well No 1	Facility Type	Oil and Gas
Surface Owner	State Of New Mexico	Mineral Owner	State Of New Mexico
		Lease No.	30015244485

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K E	5	18S	38E-28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

Type of Release	Crude Oil & Produced Water	Volume of Release	90bbl (51oil, 39water)	Volume Recovered	(0oil, 0water)
Source of Release	3X4" Swedge on east side of tank	Date and Hour of Occurrence	2/26/09 NA	Date and Hour of Discovery	2/26/09 1024
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking NMOCD		
By Whom?	John Gates	Date and Hour	2/26/09 1430		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.*					
Describe Cause of Problem and Remedial Action Taken.* 3X4 inch swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.					
Describe Area Affected and Cleanup Action Taken.* 15' X 36' area inside caliche dike with no cattle present. There were no fluids recovered. Spill site will be delineated and remediated in accordance with NMOCD guidelines					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Signature:	<i>John W. Gates</i>				
Printed Name:	John W. Gates	Approved by District Supervisor <i>Philip Benavente</i>			
Title:	HSER Lead	Approval Date:	JUN 09 2009	Expiration Date:	
E-mail Address:	John.W.Gates@conocophillips.com	Conditions of Approval:	Remediation per NMOCD Rules & Guidelines		
Date:	02/26/2009	Phone:	505.391.3158	Attached <input checked="" type="checkbox"/>	

• Attach Additional Sheets If Necessary

NMLB0915354269

2RP-314

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-24485

Release Notification and Corrective Action

2RP 314

NMLB09153 53481

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	ConocoPhillips Company	Contact	Jesse Sosa
Address	3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No.	575-391-3126
Facility Name	Illinois Camp Well No 1	Facility Type	Oil & Gas

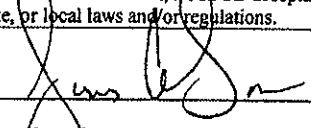
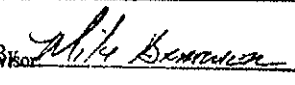
Surface Owner	State of New Mexico	Mineral Owner	State of New Mexico	Lease No.	30-015-24485
---------------	---------------------	---------------	---------------------	-----------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	5	18S	28E	1980	North	990	West	Eddy

Latitude 32 46 684 Longitude 104 12 161

NATURE OF RELEASE

Type of Release	Crude oil & produced water	Volume of Release	90 bbl (51 oil, 39 water)	Volume Recovered	(0 oil, 0 water)
Source of Release	3X4" Swedge on east side of tank	Date and Hour of Occurrence	2/26/09 NA	Date and Hour of Discovery	2/26/09 1024
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking NMOCD		
By Whom?	John Gates	Date and Hour	2/26/2009 1430		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			
If a Watercourse was Impacted, Describe Fully.* NA					
Describe Cause of Problem and Remedial Action Taken.* #X4" swedge on east side of north tank failed due to internal/external corrosion. There were no fluids recovered. The tank was isolated, drained and removed from service.					
Describe Area Affected and Cleanup Action Taken.* Liquids were contained within 35 X 55 ft tank diked area. The release was delineated and remediated in accordance with NMOCD guidelines. See attached document.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Signature: 		OIL CONSERVATION DIVISION			
Printed Name: Jesse Sosa		Approved by District Supervisor: 			
Title: HSE Lead		Approval Date: SEP 28 2009		Expiration Date: N/A	
E-mail Address: jesse.a.sosa@conocophillips.com		Conditions of Approval: N/A		Attached <input type="checkbox"/>	
Date: Sept 25, 2009 Phone: 575-391-3126					

* Attach Additional Sheets If Necessary

2RP-314

SUBSURFACE

NAVAJO REFINING COMPANY, L.L.C.

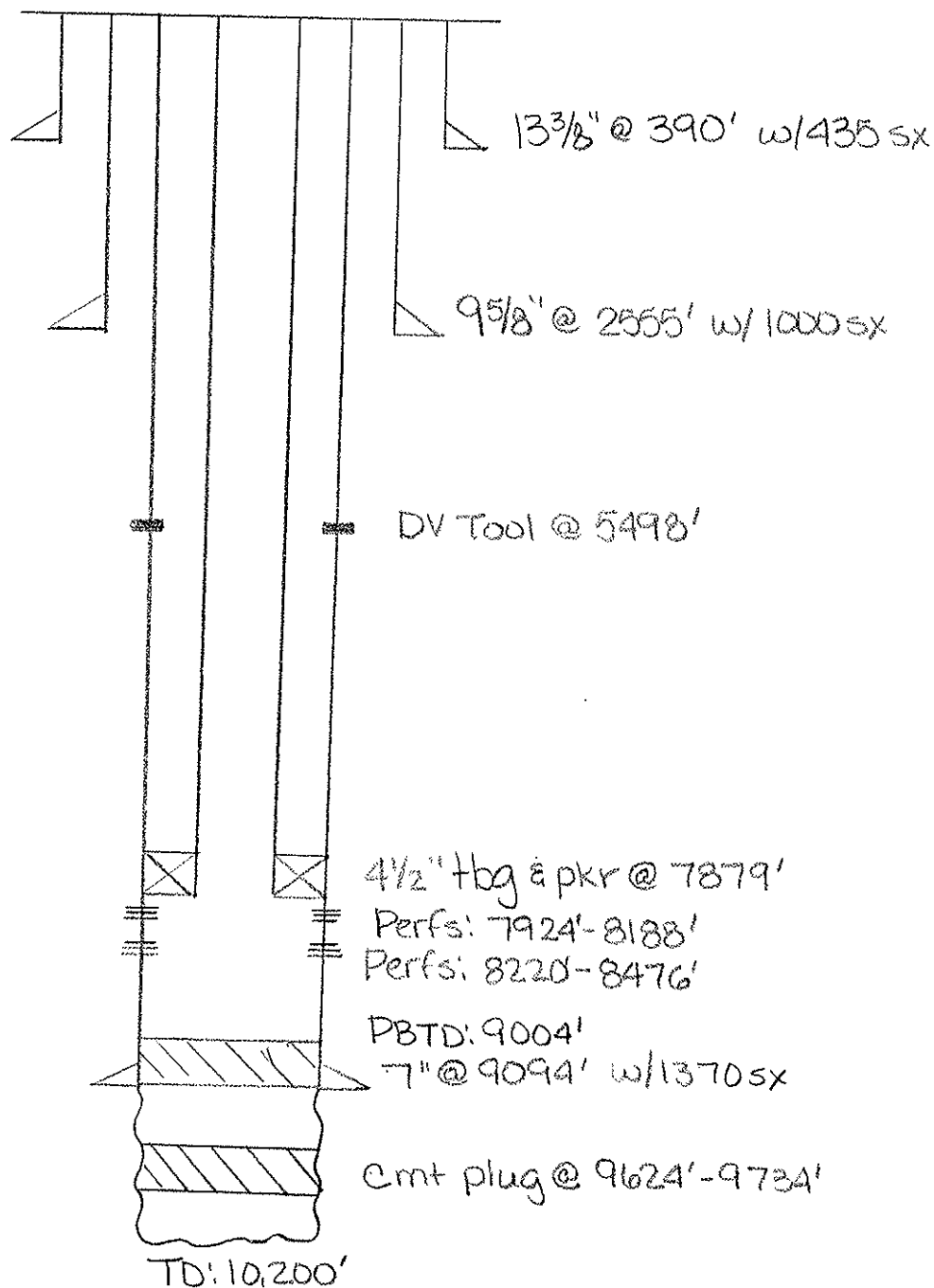
Map ID No. 151

Artificial Penetration Review

OPERATOR Navajo Refining
LEASE Waste Disposal Well
WELL NUMBER 1
DRILLED 8/04/1993
PLUGGED NA

STATUS Active-Injection
LOCATION Sec.31-T 17S-R 28E
MUD FILLED BOREHOLE NA
INJECTION ZONE 7450'
API NO. 30-015-27592

REMARKS:



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-185
Revised 1-1-89

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL AP NO.
30-015-27592
1. Indicate Type of Lease
STATE ☒ FEE ☐
2. State Oil & Gas Lease No.
30-2071-28

DISTRICT II
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ Class ☐ Disposal ☐
1b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ FLOOD BACK ☐ DIFF. RESERVE ☐ OTHER ☐ Reentry ☐
2. Name of Operator
Navajo Refining Company
3. Address of Operator
Post Office Box 159, Artesia, New Mexico 88211
4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

7. Lease Name or Unit Agreement Name
8. Well No.
WDW-1
9. Pool name or Wildcat
Navajo Injecting -
96918 Permian Penn

Section 31 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 8/4/93
11. Date T.D. Reached 9/9/93
12. Date Compl. (Ready to Prod.) 8/4/98
13. Elevations (DFA & REB, RT, GR, etc.) 3678 feet GR
14. Elev. Casinghead
15. Total Depth 10,200 feet
16. Plug Back T.D. 9004 feet
17. If Multiple Compl. How Many Zones? 1
18. Intervals Drilled By Rotary Tools All
19. Producing Interval(s), of this completion - Top, Bottom, Name 7924 feet to 8476 feet (Cisco)
20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Drill Laterlog, Density Neutron, Sonic (already submitted)
22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	390	17-1/2	375 sacks "C" Lite +	None
9-5/8"	36	2555	12-1/4	150 sacks "C" Neet	
7"	26 & 29	9094	8-3/4	800 sacks "C" Lite +	None
				200 sacks "C" Neet	
				220 sx "C" Lite + 1150 sx "H" Lite	None

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
					SIZE DEPTH SET PACKER SET
					4-1/2 7879 7879

26. Perforation record (interval, size, and number) 2 ispf total = 842 holes
7924-42, 7974-8030, 8050-56, 8066-80, 8132-40,
8118-8127, 8160-64, 8170-88, 8220-54, 8260-70,
8280-8302, 8370-78, 8360-66, 8400-10, 8419-23,
8430-46, 8460-64, and 8470-76

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7924 - 8188	5000 gal 15% HCl + salt
	8220 - 8476	5000 gal 15% HCl + salt

PRODUCTION

28. First Production N/A
29. Production Method (Flowing, gas lift, pumping - Size and type pump) N/A
30. Well Status (Prod. or Shut-in) Shut in
31. Hours Tested
32. Choke Size
33. Prod'n For Test Period
34. Oil - Bbl
35. Gas - MCF
36. Water - Bbl
37. Gas - Oil Ratio
38. Casing Pressure
39. Calculated 24-Hour Rate
40. Oil - Bbl
41. Gas - MCF
42. Water - Bbl
43. Oil Gravity - API - (Corr.)
44. Disposition of Gas (Sold, used for fuel, vented, etc.)
45. Test Witnessed By 6-14-99
46. Disp Well

Reentry and completion report to follow.

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Darrell Moore Printed Name Darrell Moore Title Env. Mgr. Co. Worker Date 9/21/98

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-2071-28

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

1. Type of Well:
OIL ☐
WELL ☐

GAS ☒
WELL ☐

OTHER ☐

RECEIVED

2. Name of Operator

Hewbourne Oil Company ✓

AUG - 9 1993

8. Well No.

1

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88240

C. I. D.

9. Pool name or Wildcat

Illinois Camp Morrow North

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31

Township 17S

Range 28E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3678' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

08/04/93 MIRU WEK Drllg. Co. Rig #2. Spudded 17-1/2" surface hole @ 11:00 p.m. 08/04/93

08/05/93 T.D. surface hole @ 390' KB. Ran 9 Jts. of new 48#, J-55, 8rd, ST&C 13-3/8" casing. Set @ 390' KB, Halliburton cmted. w/375 sks. of Class "C" Lite containing 1/2#/sk. celloseal + 3% CaCl2 followed by 150 sks. of Class "C" Neet containing 3% CaCl2. Slurry weights and volumes were 12.4#, 697 cu. ft. and 14.8#, 202 cu. ft. Total slurry volume was 899 cu.ft. Compressive strength for tail slurry was 1380 psi in 12 hrs. @ 70°F. Estimated formation temperature was 68°F. Estimated slurry temperature was 78°F. WOC 12 hrs. NU annular BOP and pressure tested casing and BOP to 600# each for 30 min. Held ok. Circulated 86 sks. cement to the pit. Plug down to 348' @ 10:15 a.m. 08/05/93.

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

SIGNATURE

Bill Pierce

TITLE

Drllg. Supt.

DATE

08/06/93

(505)

OR PRINT NAME

Bill Pierce

TELEPHONE NO. 393-5905

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

AUG 27 1993

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

c/sf
up

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088
RECEIVED

AUG 1 9 1993

WELL API NO.
30-015-27592
5. Indicate Type of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
B-2071-28

SUNDRY NOTICES AND REPORTS ON WELLS. D.
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3678' GR

7. Lease Name or Unit Agreement Name
Chalk Bluff "31" State

8. Well No.
1

9. Pool name or Wildcat
Illinois Camp Morrow North

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

08/09/93 Drilled 12-1/4" hole to 2555' KB. Ran 57 jts. of new 9-5/8", 36#, J-55, 8rd, ST&C casing and set @ 2555' KB. Halliburton cmtd. w/800 sks. of Class "C" Lite containing 1/2#/sk. flocele + 2#/sk. Gilsonite + 12#/sk. salt followed by 200 sacks of Class "C" Neet containing 2% CaCl2. Plug down to 2518' @ 3:00 p.m. 08/09/93. Circulated 133 sks. to pit. Lead cement slurry yield & weight was 12.4#/gal., 1,440 cu. ft. and tail slurry weight volume was 14.8#/gal. & 270 cu. ft. Total slurry volume was 1710 cu. ft. Compressive strength for tail slurry was 1570 psi in 12 hrs. @ 82°F. Estimated formation temp. was 80°F. Estimated slurry temp was 78°F. WOC 12 hrs. NU BOP and pressure tested casing, blind rams, pipe rams, and annular preventor to 1200# each for 15 min. All held ok.

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

SIGNATURE Bill Pierce TITLE Drfg. Supt. DATE 08/11/93
(505)
TYPE OR PRINT NAME Bill Pierce TELEPHONE NO. 93-5905

space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II TITLE _____ DATE AUG 27 1993

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-015-27592

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Newbourne Oil Company

3. Address of Operator
P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line
Section 31 Township 17S Range 28E NMPM Eddy County

10. Date Spudded 08/04/93 11. Date T.D. Reached 09/09/93 12. Date Compl. (Ready to Prod.) ---- 13. Elevations (DF& RKB, RT, GR, etc.) 3678' GR 14. Elev. Casinghead ----

15. Total Depth 10,200' 16. Plug Back T.D. ---- 17. If Multiple Compl. How Many Zones? ---- 18. Intervals Drilled By Rotary Tools All Cable Tools ----

19. Producing Interval(s), of this completion - Top, Bottom, Name ----- 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Dual Laterlog, Density Neutron, Sonic (Already Submitted) 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	390'	17-1/2"	375 sks. "C" Lite +	None
				150 sks. "C" Neet	
9-5/8"	36#	2555'	12-1/4"	800 sks. "C" Lite +	None
				200 sks. "C" Neet	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) N/A	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

List Attachments

Deviation Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Bill Pierce Printed Name Bill Pierce Title Dir. Supt. Date 09/23/93

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-27592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Chalk Bluff "31" State
8. Well No. 1
9. Pool name or Wildcat Illinois Camp Morrow, North

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SEP 14 1993
2. Name of Operator
Mewbourne Oil Company
3. Address of Operator
P. O. Box 5270 ; Hobbs, New Mexico 88241

4. Well Location
Unit Letter 0 : 2310 Feet From The East Line and 660' Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3678' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-9-93: Drilled 8 3/4" production hole to a T.D. of 10,200' K.B. Ran electric logs and evaluated well.

9-10-93: Decided to plug well. Received verbal permission from Mike Stubblefield w/NMOCD office in Artesia to plug well. Placed cement plugs at following depths:

45 sacks of Class "H" Neet @ 9734'	40 sacks of Class "H" Neet @ 440'
45 sacks of Class "H" Neet @ 8528'	10 sacks of Class "H" Neet From
55 sacks of Class "H" Neet @ 7866'	30' to surface.
45 sacks of Class "H" Neet @ 6648'	Rig released @ 7:00 PM, 9-11-93.
45 sacks of Class "H" Neet @ 5320'	Installed dry hole marker.
45 sacks of Class "H" Neet @ 3734'	
65 sacks of Class "H" Neet w/2% CaCl ₂ @ 2605'. WOC 4 hours. Tagged top of cement plug @ 2350'.	

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

SIGNATURE Bill Price TITLE Drilling Superintendent DATE Sept. 13, 1993

TYPE OR PRINT NAME

TELEPHONE NO.

(space for State Use)

APPROVED BY Mike Stubblefield TITLE Field Rep. 1 DATE April 11-94

CONDITIONS OF APPROVAL, IF ANY:

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
3 S St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-015-26592 27592
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Navajo Refining Company		6. State Oil & Gas Lease No. B-2071-28
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211		7. Lease Name or Unit Agreement Name Mewbourne WDW-1
4. Well Location Unit Letter O : 660 feet from the South line and 2310 feet from the East line Section 31 Township 17S Range 28E NMPM County Eddy		8. Well Number WDW-1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3678' GL		9. OGRID Number
		10. Pool name or Wildcat: Navajo Permo-Penn 96918

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL. ☐
DOWNHOLE COMMINGLE ☐

OTHER: **PERFORM PRESSURE FALLOFF TEST**

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 14, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 15, 2011 - Continue injection into all three wells.

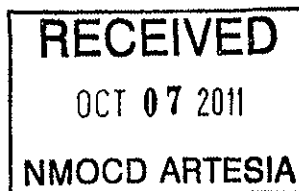
November 16, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 17, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 18, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 19, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Accepted for record
Accepted for record
NMOCD



Grid Date:

Rig Release Date:

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

SIGNATURE

Timothy J. ...

TITLE

Project Engineer

DATE

10/3/11

Type or print name Timothy Jones E-mail address: jjones@subsurfacegroup.com PHONE: 713-880-4640
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 27512 <i>05c 11/4/2011</i> 30-015-26592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Mewbourne WDW-1
8. Well Number WDW-1
9. OGRID Number
10. Pool name or Wildcat: Navajo Permian 96918

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection Well

2. Name of Operator

Navajo Refining Company

3. Address of Operator

Post Office Box 159, Artesia, New Mexico 88211

4. Well Location

Unit Letter O : 660 feet from the South line and 2210 feet from the East line

Section 31 Township 17S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3678' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: PERFORM PRESSURE FALLOFF TEST

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

November 8, 2011 - Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.

November 9, 2011 - Continue injection into all three wells.

November 10, 2011 - At 12:15pm, the offset wells WDW-2 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-1 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.

November 11, 2011 - At 7:00pm, WDW-1 will be shut in for a 30-hour falloff period. WDW-2 and WDW-3 will remain shut-in.

November 12, 2011 - All three wells will continue to be shut in while monitoring falloff pressure in all three wells.

November 13, 2011 - At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of WDW-1 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Spud Date:

Rig Release Date:

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

SIGNATURE

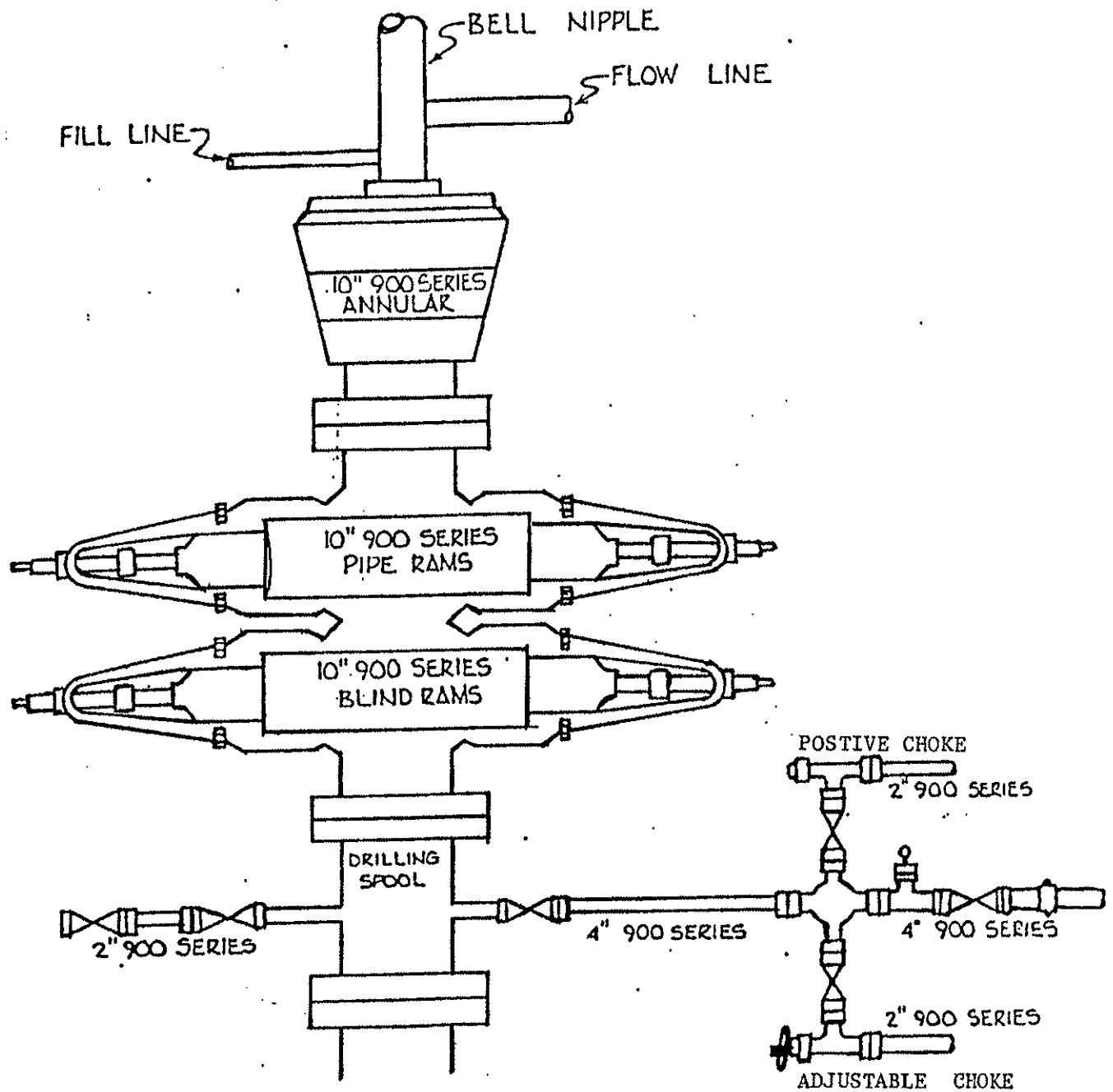
Timothy Jones TITLE Project Engineer

DATE 11/3/2011

Type or print name Timothy Jones E-mail address: tjones@Subsurfacegroup.com PHONE: (713) 560-4905
For State Use Only

APPROVED BY: Carly A. Jones TITLE Environmental Engineer DATE 11/14/2011
Conditions of Approval (if any):

- Fall-off tests to be run at each VIC1 - class I (NH-) well.
- Issue of injection well interconnection w/ injection zone and future Fall-off test schedule to be resolved at a later date based on the preferred tests for demonstrating inter-connection between injection well(s) and injection zone.



Mewbourne Oil Company
 Chalk Bluff "31" State #1
 2310' FEL & 660' FSL
 Section 31-T17S-R28E
 Eddy County, New Mexico
 Lease # B-2071-28

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

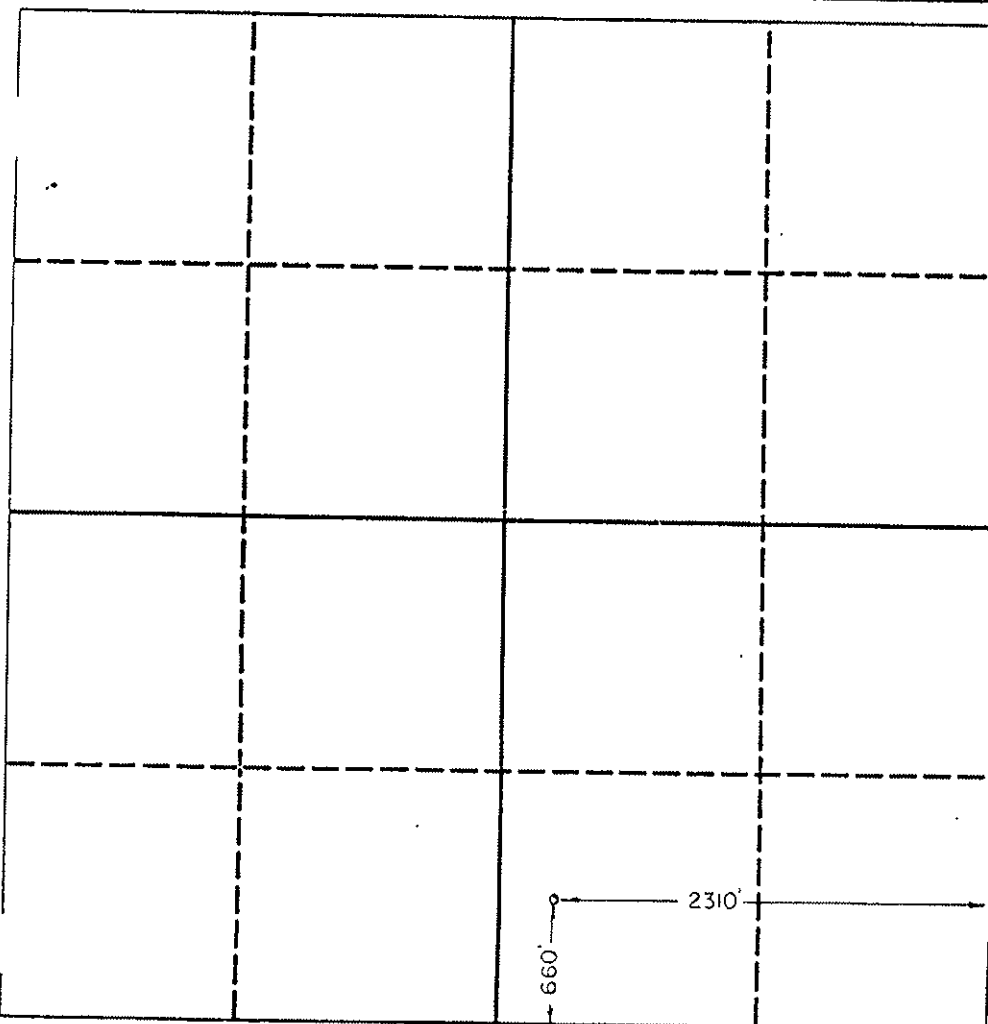
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter 0	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	
Actual Footage Location of Well:					
2310 feet from the EAST line and		660 feet from the SOUTH line			
Ground level Elev. 3678	Producing Formation Morrow		Pool Illinois Camp Morrow North	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation Communitization
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Bill Pierce

Printed Name

Bill Pierce

Position

Drlg. Supt.

Company

Mewbourne Oil Company

Date

July 22, 1993

SURVEYOR CERTIFICATION

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

10/26/92

Signature & Seal of
Professional Surveyor

[Signature]
Certificate No. 3640



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER _____

CHART PUT ON _____ M

LOCATION _____

REMARKS

AP# 30-015-27592

P=760 T_{STRT} = 10:42 A.M.

T_{STD} = 11:14 A.M.

PASSED!

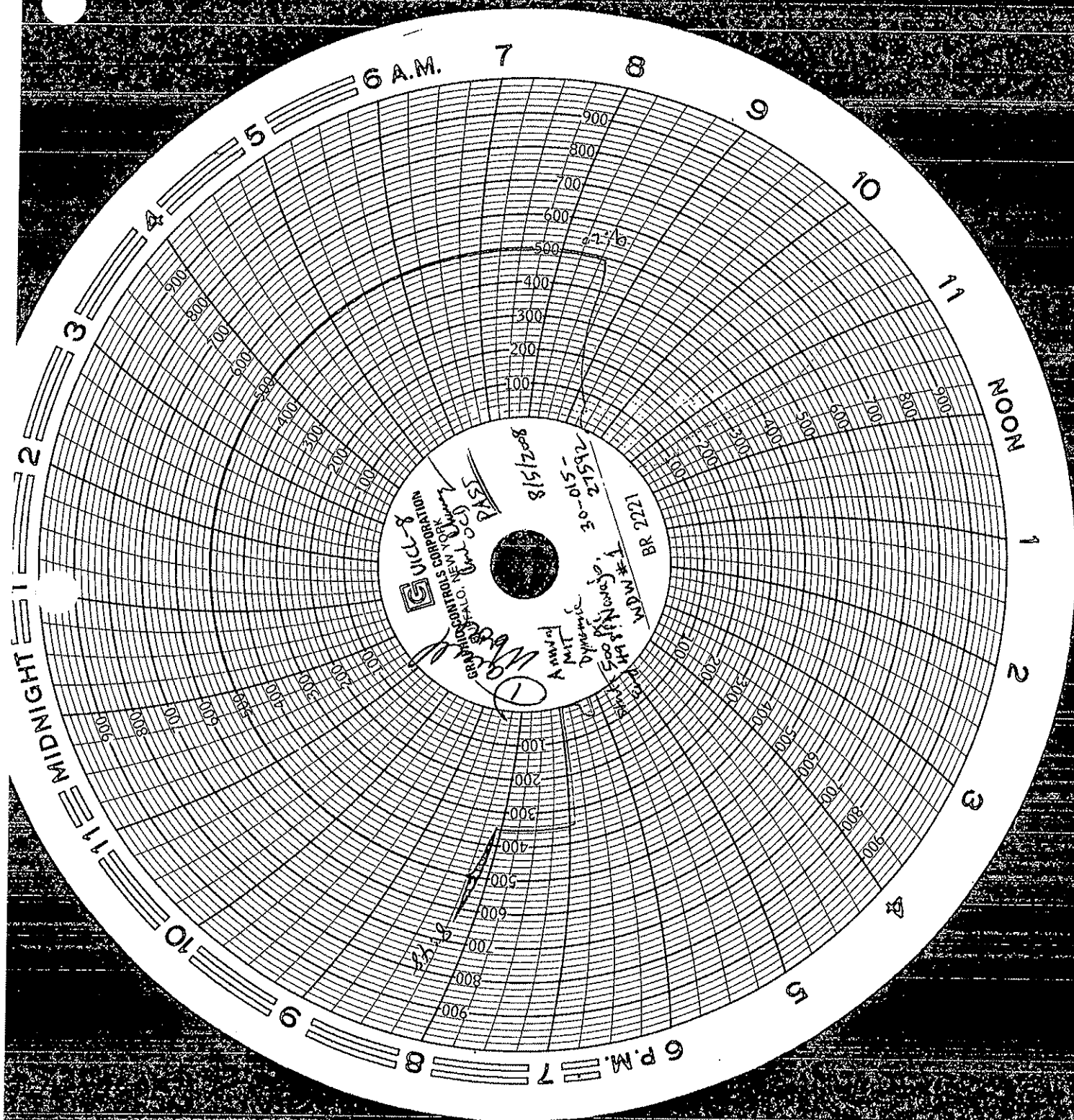
WDW-1

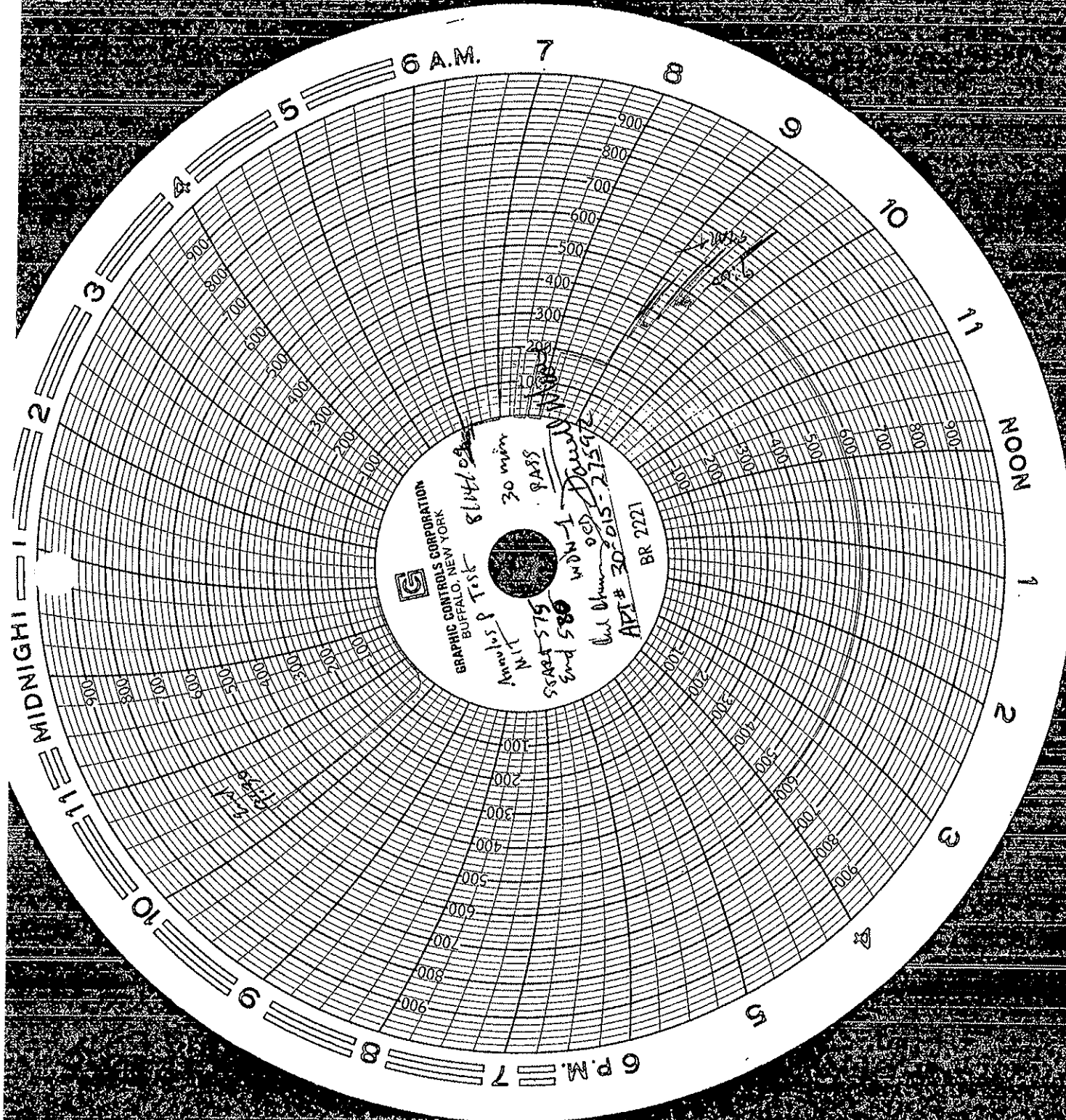
03-07-07

Lowell

TAKEN OFF

5
STRT T = 10:42 A.M.
6 PM
7
STOP T = 11:14 A.M.
8
BATTERY ON CHART 7
9





District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
40 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-108
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

JUL
RECEIVED
OCD - ARTESIA

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Navajo Refining Company Post Office Box 159 Artesia, New Mexico 88211		OGRID Number 15694
Property Code 23592	Property Name WDW-4	AFI Number 30-015-27592-0001
		Well No. #1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	17S	28E		660	South	2310	East	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Wolfcamp, Cisco, and Canyon Injection Zone					Proposed Pool 2				

Work Type Code Re-enter	Well Type Code WDW	Cable/Rotary Rotary	Lease Type Code	Ground Level Elevation 3678 feet
Multiple	Proposed Depth 9624 Feet	Formation Wolfcamp/Cisco/ Canyon	Contractor	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	390	525	surface
12-1/4	9-5/8	36	2555	1000	surface
8-1/2	7	26	9600	*	surface

* Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-enter plugged and abandoned Mewbourne Oil Company Chalk Bluff 31 State No. 1. With drilling rig, wash out hole and drill out cement plugs to 9624 feet (original total depth was 10,200 feet). Log hole. Set straddle packers and run injectivity test or if required by hole condition, set 7 inch casing at 9600 feet and cement to surface; run injectivity tests.

*Sacks of cement for 7 inch casing to be determined from calipered hole volume, plus 20%.
NOTE: See accompanying Form C-108 for additional information.

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

Signature: Darrell Moore
Printed name: Darrell Moore
v. Mgr. for Water & Waste
2/26/98
Phone: 505-744-3311

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
Title: DISTRICT II SUPERVISOR

Approval Date: 8-6-98 Expiration Date: 8-6-99

Conditions of Approval
Attached: 2

Post ID-1
5-28-99
He. entry

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-10:
Revised October 18, 1994
Instructions on back
Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

* API Number 30-015-27592-0001		* Pool Code	* Pool Name Wolfcamp, Cisco, and Canyon Injection Zone	
* Property Code WDW-3	* Property Name			* Well Number 1
* OGRID No.	* Operator Name Navajo Refining Company			* Elevation 3678 Feet GL
* Surface Location				

11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 13 Joint or In/III 14 Consolidation Code 15 Order No.									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				17 OPERATOR CERTIFICATION	
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <u>Darrell Moore</u>	
				Printed Name <u>Darrell Moore</u>	
				Title <u>Env. Mgr. for Water-Waste</u>	
				Date <u>2/28/98</u>	
18				SURVEYOR CERTIFICATION	
				I hereby certify that the well location shown on this plan was placed 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 belief.	
				Date of Survey	
				Signature and Seal of Professional Surveyor	
				Certificate Number	

Diagram showing well location with dimensions: 2310' (horizontal distance) and 660' (vertical distance).

See attached survey plat

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
161	13.375	472	450	17.5	1.1	0.8	570	Surface
	8.625	2589	900	12.25	1.1	0.8	1919	670
	5.5	9473	430	7.875	1.1			6000 ²
	4.5	10140	80	5.5	1.1	0.8	1291	Top of Liner
167	13.375	418	500	17.5	1.1	0.8	633	Surface
	8.625	2600	1150	11	1.1	0.8	3981	Surface
	5.5	10400	1000	7.875	1.1	0.8	5079	5321

Cement Height = Cement Volume * Cement Factor * Hole Rugosity * $1/(PI * (Hole Radius^2 - Casing Radius^2))$

* For Map ID No. 83, cement volume for 5.5 inch casing includes squeezes.

** For Map ID No. 124, hole diameter for 4-1/2 inch liner was not reported; 6.125 inches is estimated.

¹ Per temperature survey conducted on May 9, 1991.

² Per cement bond log on July 20, 1993. Log is included in Attachment VI-2.

ATTACHMENT VI-3

TOP OF CEMENT IN INJECTION ZONE WELLS IN THE AREA OF REVIEW

Map ID No.	Casing Diameter (inches)	Setting Depth (feet)	Cement Volume (sacks)	Hole Diameter (inches)	Cement Factor (cu ft/sacks)	Hole Rugosity	Cement Height (feet)	Top of Cement (feet below ground)
81	13.375	663	650	17.5	1.1	0.8	823	Surface
	8.625	4000	1400	11	1.1	0.8	4846	Surface
	5.5	10450	2007	7.875	1.1	0.8	10194	256
83*	13.375	354	350	17.5	1.1	0.8	443	Surface
	8.625	1745	650	.11	1.1	0.8	2250	Surface
	5.5	8466	520	7.875	1.1	0.8	6250 ¹	6250 ¹
124**	13.375	400	500	17.5	1.1	0.8	633	Surface
	9.625	2600	1100	12.25	1.1	0.8	3091	Surface
	7	9445	1895	7.875	1.1	0.8	23491	Surface
	4.5	10198	175	6.125	1.1	0.8	1635	Top of Liner
134	13.375	416	450	17.5	1.1	0.8	570	Surface
	9.625	2610	1025	12.25	1.1	0.8	2880	Surface
	5.5	10148	1020	8.75	1.1	0.8	3554	6594
144	13.375	400	100	17.5	1.1	0.8	127	273
	9.625	2600	250	12.25	1.1	0.8	702	1898
	7	8968	1200	8.75	1.1	0.8	7025	1943
	4.5	10150	200	6.125	1.1	0.8	1869	Top of Liner
157	13.375	400	425	17.5	1.1	0.8	538	Surface
	9.625	2604	1025	12.25	1.1	0.8	2880	Surface
	7	9450	1350	8.75	1.1	0.8	7903	1547
	4.5	10119	175	6.125	1.1	0.8	1635	Top of Liner

5. Injection Zone Fluid Analysis

The composition of the native formation fluid in the proposed Wolfcamp, Cisco, and Canyon injection zone is expected to be similar to that in these formations in other parts of southeastern New Mexico. The salinity of Wolfcamp, Cisco, and Canyon formation brines from hydrocarbon producing areas in northern Lea County, to the east of Eddy County, was reported by Meyer (1966, Table 4). Attachment VII-3 summarizes the salinity data reported by Meyer (1966, Table 4) for Wolfcamp, Cisco, and Canyon formation brines from limestones that were deposited in a shelf environment similar to that of the proposed injection site. The salinity of the formation brines range from 67,098 to 119,909 parts per million (ppm). The formation brines were produced from intervals that occur between 9001 feet and 10742 feet below ground. Also listed in Attachment VII-7 are data from Strawn limestones that were deposited in a platform environment and that occur at 7700 feet below ground; the salinity of the Strawn formation brine is 39,374 ppm. DST data from proposed WDW-1 indicate that the salinity of fluid recovered from the Cisco Formation in DST No. 5 is 25,000 ppm (Attachment VIII-9).

Navajo will attempt to retrieve a sample of formation brine during the proposed well testing operations. Formation brine samples will be retrieved prior to any stimulation treatments or injection into the well. As discussed above, the salinity of the formation brine in the Wolfcamp, Cisco, and Canyon injection zone is expected to be between 25,000 and 120,000 ppm.



June 25, 1998

JUN 25 1998
RECEIVED
OCD - ARTESIA

Mr. Mark Ashley
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Response to Request for Information from June 10, 1998, on Navajo Refining
Company's Discharge Plan Application
Envirocorp Project No. 60A4696

Dear Mr. Ashley:

Enclosed please find two copies of the referenced document. A third copy of the document was transmitted to the New Mexico Oil Conservation Division (OCD), District II office in Artesia, New Mexico. The document consists of Addendum No. 1 and replacement pages for the Navajo Refining Company's (Navajo) Discharge Plan Application and Application for Authorization to Inject, dated April 1998. The document may be inserted into the back of the binder that holds Navajo's application. Instructions for inserting the replacement pages are included in Attachment A.

Please do not hesitate to contact Darrell Moore of Navajo at (505) 748-3311 or me at (713) 880-4640 if you have additional questions or need more information as you complete your review of the application.

Sincerely,

Nancy L. Niemann
Senior Geologist

NLN/paf
Attachments

- c: New Mexico Oil Conservation Division, District II (with attachments)
Darrell Moore - Navajo Refining Company (with attachments)
George Walbert - Holly Petroleum, Inc. (with attachments)

**ADDENDUM NO. 1
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON THE
DISCHARGE PLAN APPLICATION**

**NAVAJO REFINING COMPANY
Artesia, New Mexico**

Envirocorp Project No. 60A4696

June 1998

Prepared By:

**ENVIROCORP SERVICES & TECHNOLOGY, INC.
Houston, Texas**

ATTACHMENT A

**INSTRUCTIONS FOR UPDATING
NAVAJO'S DISCHARGE PLAN APPLICATION**

Insert Addendum No. 1 at the back of the binder that holds the application.

Remove and discard Page 2 of Attachment III-5 (Closure Plan) and replace with the enclosed page.

Remove and discard Page VI-4 of Section 6 and replace with the enclosed page.

Insert the enclosed log and Sundry Notice into the records of Map ID No. 161 in Attachment VI-2.

Remove and discard Attachment VI-3 (Top of Cement in Injection Zone Wells in the Area of Review) and replace with the enclosed table.

Remove and discard Page VII-3 of Section VII (Proposed Operations) and replace with the enclosed page.

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
RECEIVED ON JUNE 10, 1998, FROM THE
NEW MEXICO OIL CONSERVATION DIVISION ON
NAVAJO REFINING COMPANY'S
DISCHARGE PLAN APPLICATION**

The following request for additional information on Navajo's discharge plan application was received by Nancy Niemann of Envirocorp in a telephone conversation on June 10, 1998, with Mark Ashley of the OCD.

REQUEST 1:

The application states that Navajo owns the land surrounding the surface location of proposed WDW-1 (the Mewbourne Oil Company Chalk Bluff 31 State No. 1). Navajo should state the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3.

RESPONSE:

Navajo is the owner of the land surrounding the surface locations of proposed WDW-2 and WDW-3, as stated in Item No. 4, Facility Ownership, of the Discharge Plan Application. Navajo owns the two acres that are shown to be surrounding proposed WDW-2 in the surveyor's plat that is included with Form C-102 for proposed WDW-2. Navajo also owns the two acres that are shown to be surrounding proposed WDW-3 in the surveyor's plat that is included with Form C-102 for proposed WDW-3.

REQUEST 2:

Navajo shall furnish to the OCD a demonstration of "the ability of the discharger to undertake measures necessary to prevent contamination of ground water," in accordance with 20 NMAC 5210.B.17.

RESPONSE:

The required demonstration will be forwarded under separate cover by Navajo.

REQUEST 3:

Formation fluid samples from the proposed injection intervals shall be retrieved before any other testing or injection.

RESPONSE:

A sentence has been added to the last paragraph of Section VII.5 that states that retrieval of formation brine samples will be attempted prior to any stimulation treatments or injection into the well. A replacement page is included.

REQUEST 4:

Was cement circulated to the surface around the surface casing and intermediate casing in proposed WDW-1?

RESPONSE:

Cement was circulated to the surface during the cementing of the surface casing of proposed WDW-1. The Daily Drilling Report for the well (first page of Attachment VIII-8) states that Halliburton circulated 86 sacks of cement to the pit on August 6, 1993, while cementing the surface casing.

Cement was circulated to the surface during the cementing of the intermediate casing of proposed WDW-1. The Daily Drilling Report for the well (second page of Attachment VIII-8) states that Halliburton circulated 133 sacks of cement to the pit on August 10, 1993, while cementing the intermediate casing.

REQUEST 5:

The OCD's calculations of the top of cement around the long-string casing of Map ID No. 161 (the Mewbourne Oil Company Federal "T" No. 1 well) indicate that insufficient cement may be present. Submit temperature or cement bond logs that indicate the top of cement. If no additional information is available to indicate the top of cement, Navajo may be required to perform corrective action on this well.

RESPONSE:

Additional information has been obtained from the records of the OCD and from Mewbourne Oil Company that demonstrates that the top of cement in Map ID No. 161 (the Mewbourne Federal "T" No. 1) is above the top of the injection zone. The information indicates that additional cement was pumped behind the long-string casing of the well and that the casing is cemented at least from the base of the casing up to 6000 feet. The top of the injection zone occurs at approximately 7384 feet in Map ID No. 161, or 1384 feet below the top of cement.

VI.D Condition of Artificial Penetrations

Each of the wells that penetrates the injection zone was evaluated to determine if it will allow movement of fluids into or between USDWs. For the purpose of this demonstration, the artificial penetrations may be categorized as follows:

Class II Saltwater Disposal Wells (1 well):

Map ID No. 83, the I&W Inc., Walter Solt SWD-1, is a Class II saltwater disposal well that is currently active. The well injects into the Wolfcamp in four sets of perforations: 7518 to 7534 feet, 7742 to 7756 feet, 7778 to 7787 feet, and 7810 to 7812 feet. The injection zone coincides with the shallowest formation proposed for injection by the proposed Navajo injection wells. The well has surface and intermediate or production casing set to prevent contamination of the USDW. The casing/formation annulus is cemented across the injection zone, as presented in Attachment VI-3. At the end of the well's useful life, the operator will plug and abandon the well according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The Class II well in the AOR is listed below:

Map ID No. 83.

No corrective action is required for this well.

Active Producing Wells (6 wells):

Active producing wells include producing and shut-in oil and gas wells. The mechanical integrity of active producing wells is monitored by the OCD. These wells have surface and intermediate or production casing set to prevent contamination of the USDW. In all wells, the casing/formation annulus is cemented across the injection zone. Reported top of cement, where available, or calculated top of cement for each casing string in each well is presented in Attachment VI-3. At the end of the wells' useful lives, the operators will plug and abandon the wells according to OCD regulations with cement plugs set to protect the USDW and with heavy mud left in the wellbore. The active producing wells within the AOR are listed below:

Map ID Nos. 81, 124, 134, 144, 161, and 167.

ATTACHMENT III-5 (Continued)

11. Rig up cement service equipment. Cement shall be densified Class "H" (or comparable), weighing 16.4 pounds/gallon. Pressure test the surface lines as required.
12. Spot sufficient Class "H" (or comparable) cement slurry to develop a cumulative 100-foot column (minimum). Pull the tubing up 200 feet and reverse out excess cement. Catch a sample of cement to check curing time and compressive strength. Allow the cement to set overnight (eight-hour minimum) before tagging top of plug to confirm proper setup and location. Pressure test the plug to the pressure recommended by the OCD. If cement is set adequately, proceed to Step 13. Otherwise, spot additional cement on top of the first plug, as before, to achieve a cumulative 100-foot cement plug. Allow cement to set for a longer period, if necessary.
13. Displace the casing with heavy mud from top of plug to 2600 feet (50 feet below the base of the intermediate casing).
14. Pull tubing up to 2600 feet. Place densified Class "H" (or comparable) cement plug from 2600 feet to 2500 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
15. Displace the casing with heavy mud from 2500 feet to 450 feet (50 feet below the base of the surface casing).
16. Pull the tubing up to 450 feet. Place densified Class "H" (or comparable) cement plug from 450 feet to 350 feet. Pull the tubing up 200 feet and reverse out excess cement. Shut down for eight hours, or as required; then, tag the plug to confirm location. Pressure test the plug.
17. Displace the casing with heavy mud from 350 feet to 100 feet.
18. Pull the work string to 100 feet below the surface and spot 100 feet of densified Class "H" cement as the surface plug. Lay down remaining tubing and remove the bradenhead. Cut casing strings three feet below ground level.
19. Weld a 1/2 inch steel plate across the 9-5/8 inch casing. The location of the well will be marked with a steel marker 4 inches in diameter and 4 feet high above mean ground level. The marker will show the operator name, lease name, well number, section, township, range and unit letter.
20. Release all equipment and clean up the location.
21. Submit closure data to the OCD, and arrange for inspection of the well and location.

The cement bond log run on July 20, 1993, from 8100 feet to 6000 feet, shows that good cement bond is present up to 6000 feet. A copy of the log is attached.

The attached Sundry Notice states that on August 26, 1993, the zone from 6868 feet to 7038 feet was perforated, and then fluid was pumped out of the well. As fluid was pumped between August 26, 1993 and September 5, 1993, the volume of fluid produced decreased from 276 barrels to 27 barrels. The ability to pump down the fluid level in the well demonstrates that the zone at 6868 feet to 7038 feet was isolated by cement from any other zones that might have produced fluid while the well was being pumped.

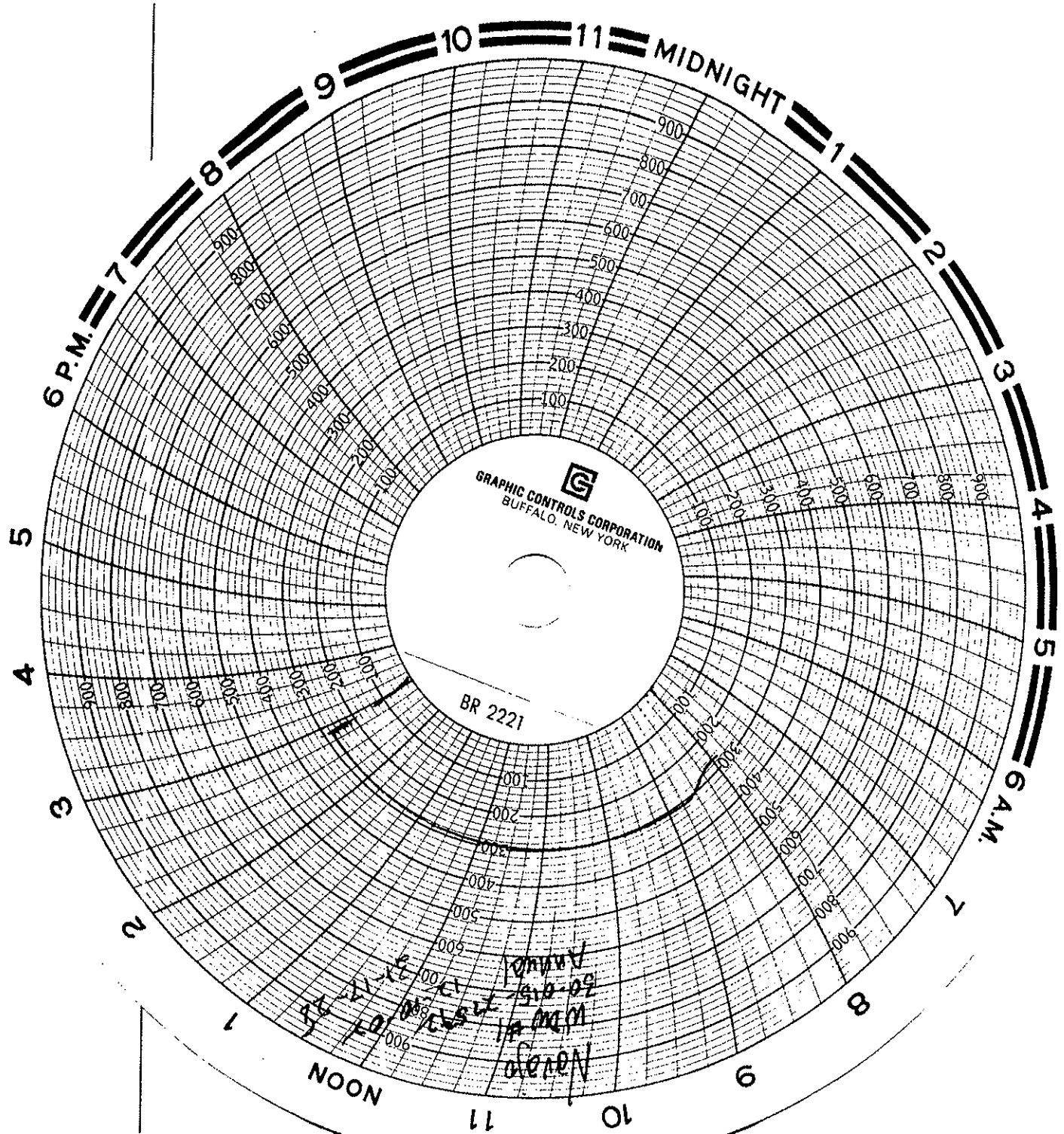
The cement sheath around the long-string casing of Map ID No. 161 extends above the top of the injection zone. Therefore, this wellbore will not provide a pathway for migration of fluids or transmittal of pressure from the injection zone.

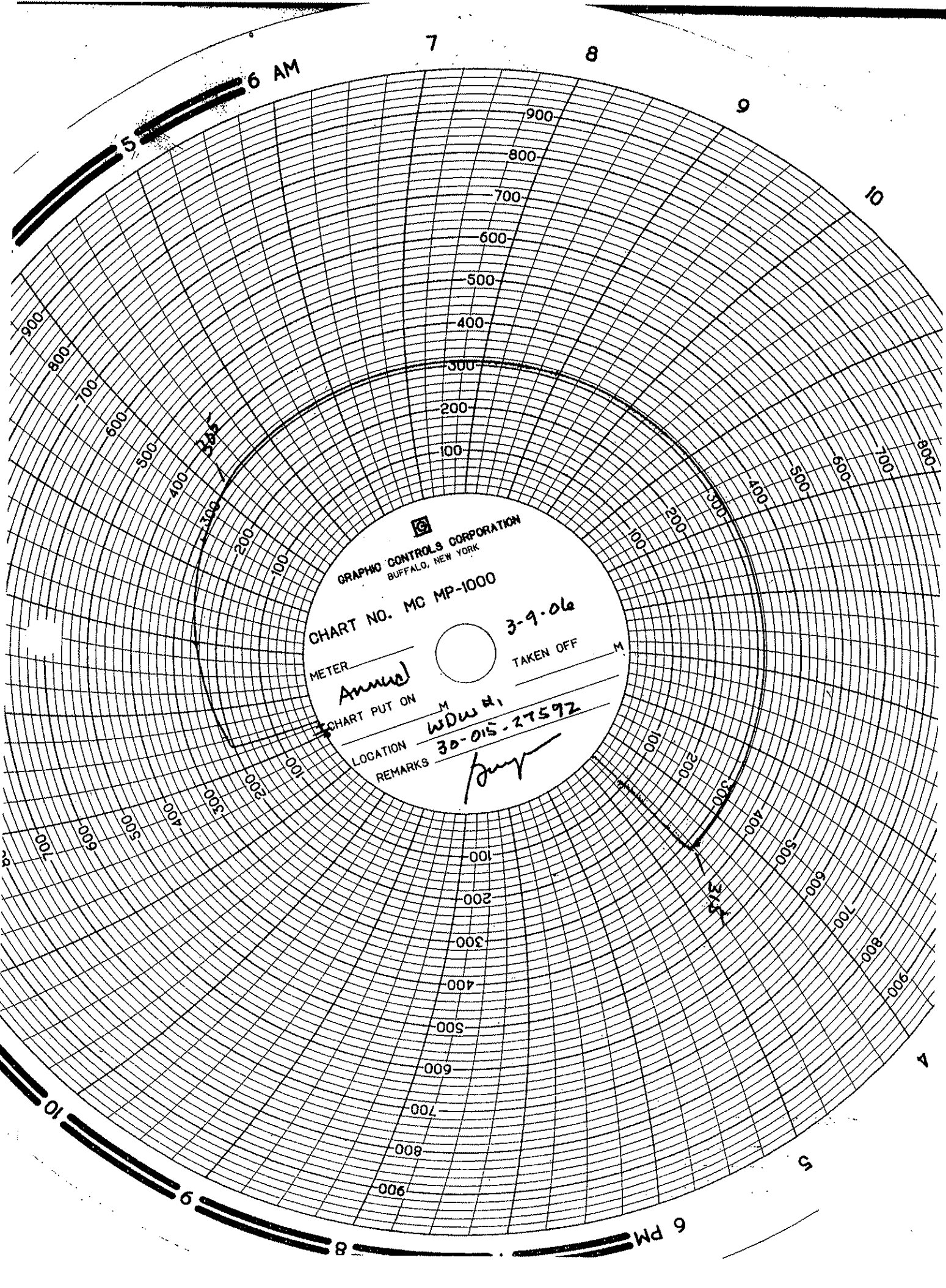
REQUEST 6:

Revise the Closure Plan to state that dry-hole markers will be installed when the wells are plugged.

RESPONSE:

The Closure Plan (Attachment III-5) has been revised as requested. A replacement page is included.





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER

Amper

3-9-06

TAKEN OFF

CHART PUT ON

LOCATION

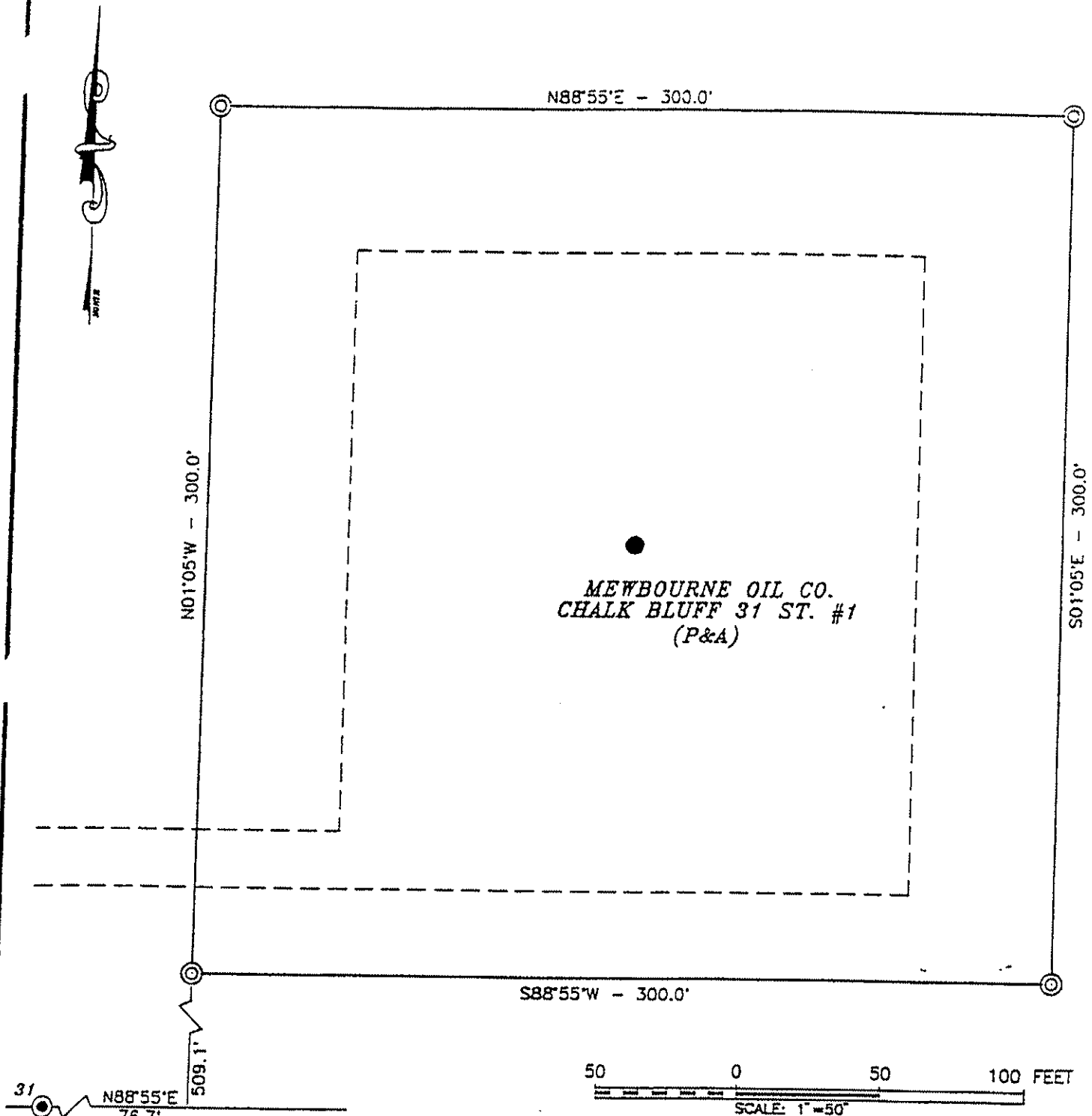
WDW H

REMARKS

30-015-27592

[Signature]

SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO



© DENOTES: SET 1/2" IRON ROD
W/ PVC CAP MARKED
"PS 3239 PS 12641"

NAVAJO REFINING COMPANY

CHALK BLUFF 31 STATE #1 LOCATED 660 FEET FROM
THE SOUTH LINE AND 2310 FEET FROM THE EAST LINE
SECTION 31, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

Survey Date: 11/24/97	Sheet 1 of 1 Sheets
W.O. Number: 97-11-1922	Drawn By: CDG
Date: 12/1/97	DISK: NAVAJO
	NAV1922

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease CHALK BLUFF 31 STATE		Well No. 1
Unit Letter O	Section 31	Township 17 SOUTH	Range 28 EAST	County EDDY	

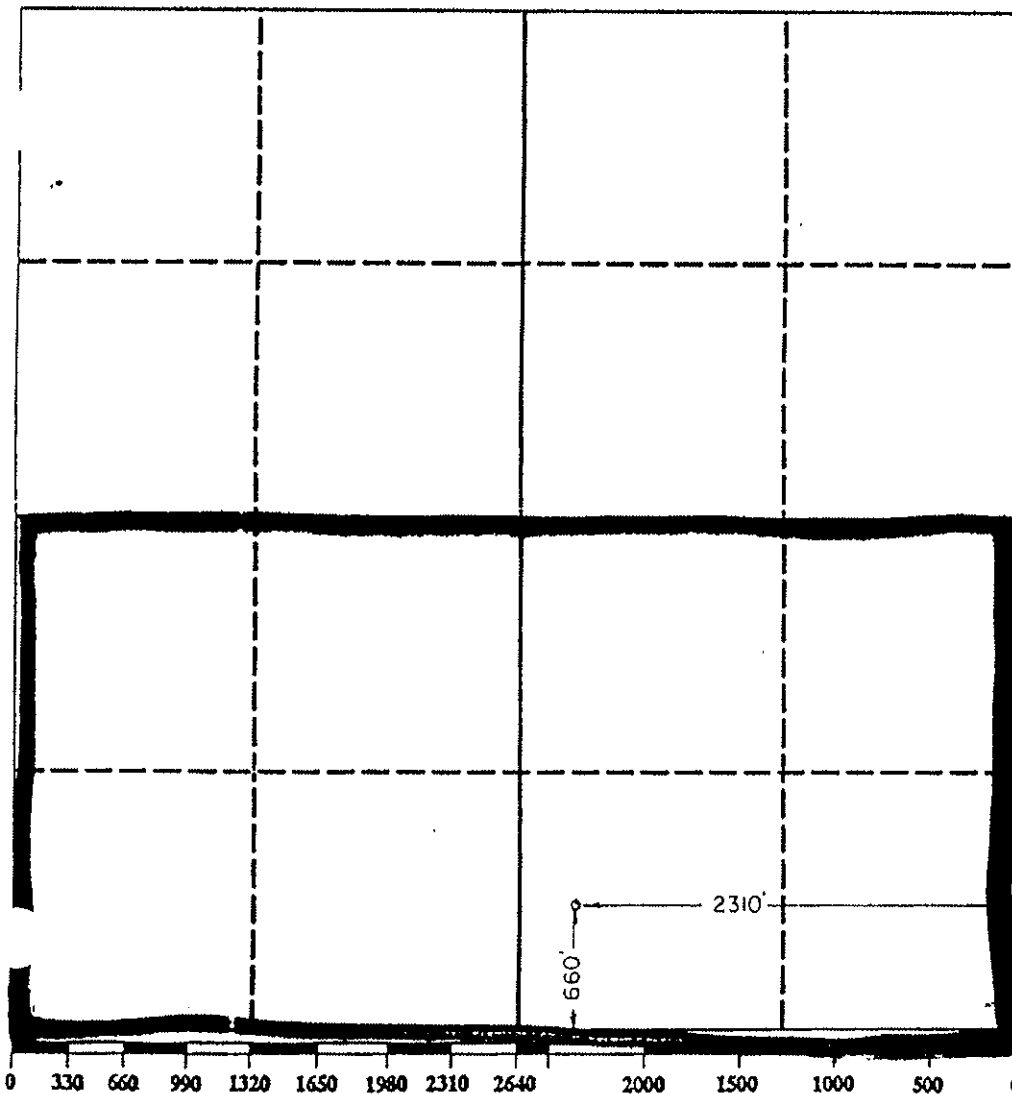
Actual Footage Location of Well:

2310 feet from the EAST line and		660 feet from the SOUTH line	
Ground level Elev. 3678	Producing Formation Morrow	Pool Illinois Camp Morrow North	Dedicated Acreage: 320 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation Communitization

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature <i>Bill Pierce</i>
Printed Name Bill Pierce
Position Drlg. Supt.
Company Mewbourne Oil Company
Date July 22, 1993

SURVEYOR CERTIFICATION

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 10/26/92
Signature & Seal of Professional Surveyor <i>[Signature]</i> Certificate No. 3640

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

0157
BUT
08

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
J. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-27572

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2071-28

7. Lease Name or Unit Agreement Name

Chalk Bluff "31" State

8. Well No.

1

9. Pool name or Wildcat

Illinois Camp Morrow North

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Mewbourne Oil Company

3. Address of Operator

P.O. Box 5270 Hobbs, New Mexico 88241

4. Well Location

Unit Letter 0 : 2310 Feet From The East Line and 660 Feet From The South Line

Section 31 Township 17S Range 28E NMPM Eddy County

10. Proposed Depth

10,400'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3678' GR

14. Kind & Status Plug. Bond

Blanket on File

15. Drilling Contractor

WEK Drilg. Co.

16. Approx. Date Work will start

August 1, 1993

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	400'	350	Circulated
12-1/2"	9-5/8"	36#	2600'	800	Tie back into surface
8-3/4"	5-1/2"	17#	10400'	800	6,000'

BOP PROGRAM: Hydril annular preventor (bag-type preventor) 900 series on surface casing to intermediate casing point.

Schaffer LWS or equivalent (double-ram hydraulic) 900 series w/Hydril 900 series from intermediate casing to total depth. Rotating head, PVT system, flow monitors, and mud-gas separators from top of Wolfcamp formation to T.D.

MUD PROGRAM: 0 - 400' Fresh water w/spud mud, paper for LCM as needed.
400 - 2,600' Brine water w/paper for LCM as needed and lime for pH.
2,600 - 9,500' Cut brine w/paper for LCM and lime for pH.
9,500 - 10,400' Cut brine w/Drispac, starch, salt gel, soda ash, and caustic soda. Wt. 9.2-9.8 ppg, WL 10 cc's or less, Vis. 30-34.

GAS IS NOT DEDICATED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Bill Pierce TITLE Drilling Superintendent DATE July 22, 1993

TYPE OR PRINT NAME Bill Pierce

TELEPHONE NO.

(This space for State Use)

APPROVED BY Mark Kehl TITLE GEOLOGIST DATE 7-27-93

CONDITIONS OF APPROVAL, IF ANY:

180 DAYS
1-2-94
DRILLING UNDERWAY



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS--PRESIDENT
ARNIE NEWKIRK--VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

September 13, 1993

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88241

RE: Chalk Bluff "31" State #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in
Eddy County, New Mexico.

390' - 1/2°	3988' - 1 1/4°	5729' - 4°	7382' - 2 1/4°
867' - 3/4°	4493' - 1 3/4°	5722' - 3 1/4°	7851' - 1 1/4°
1338' - 3/4°	4995' - 3 1/4°	5786' - 3 1/2°	8342' - 1 1/2°
1839' - 1 1/4°	5120' - 3 3/4°	5879' - 3°	8844' - 1 1/4°
1988' - 1/2°	5215' - 4 1/4°	5974' - 3°	9077' - 1/2°
2201' - 3/4°	5310' - 4 1/4°	6195' - 3 1/2°	9568' - 1°
2555' - 0°	5403' - 4°	6352' - 3 1/4°	9959' - 1 3/4°
3051' - 1/2°	5497' - 4 1/2°	6795' - 2 1/2°	10,200' - 2 3/4° T.D.
3520' - 3/4°	5527' - 4 1/4°	7210' - 2 1/4°	

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of September 1993 by
Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget: Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL Sec. 12-T18S-R27E

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp

11. County or Parish, State

Morrow

Eddy Co. N.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☒
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

13. 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.)

07/19/93 Set 4" CIBP @ 9950' over Morrow Perfs. (10,008'-10,054') Verball from Adam - BLM.
07/21/93 Set 5-1/2" CIBP @ 9040' @ top of liner. Dump 2 sx. cmt.
07/22/92 Perf. Cisco Formation (8034'-8042' w/2 SPF & 8055'-8060' w/2SPF. Swabbed tested all water.
07/24/93 Set cmt. retainer @ 8000'. Pumped 100 sx. cmt. into perfs. (8034'-8060')
07/25/93 Perf. Cisco Formation 7832'-7840' w/2 SPF. Swab tested all water.
07/27/93 Set cmt. retainer @ 7820'. Pumped 100 sx. cmt. into perfs. (7832'-7840')
07/28/93 Perf. Cisco Formation 7790'-7798' w/2 SPF. Swab tested all water.
07/29/93 Set cmt. retainer @ 7780'. Pumped 100 sx. cmt. into perfs. (7790'-7798')
07/30/93 Perf. Cisco Formation 7760'-7768' w/2 SPF. Swab tested all water.
07/31/93 Set cmt. retainer @ 7745'. Pumped 100 sx. cmt. into perfs. (7760'-7768')
08/01/93 Perf. Cisco Formation 7685'-7695' w/4 SPF. Swab tested water w/show of gas.
08/03/93 Acidized Cisco Formation (7685'-7695') w/3000 gal 15% FE acid.
08/04/93 RIH w/tbg. pump to 5033' & started pumping well.
08/05/93 1100 BHPD No oil.
08/06/93 1200 BHPD No oil.

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

Signed

Title Engineer

Date August 20, 1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 8782'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9016'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 9573'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 506'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 596'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1176'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 1462'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1958'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3386'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 5398'	T. Morrow _____ 10016'	T. Wingate _____	T. _____
T. Wolfcamp _____ 6593'	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 7816'	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____ feet. No. 3, from _____ to _____ feet.
 No. 2 from _____ to _____ feet. No. 4, from _____ to _____ feet.

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	400'	400'	Surface rock, Anhydrite				
400'	6900'	6500'	Dolomite, Chert, Sandstone, Shale				
6900'	7800'	900'	Limestone, Shale, Chert				
7800'	8500'	700'	Dolomite, Shale				
8500'	9600'	1100'	Limestone, Shale				
9600'	10200'	600'	Limestone, Sandstone, Chert, & Shale				

SUBSURFACE

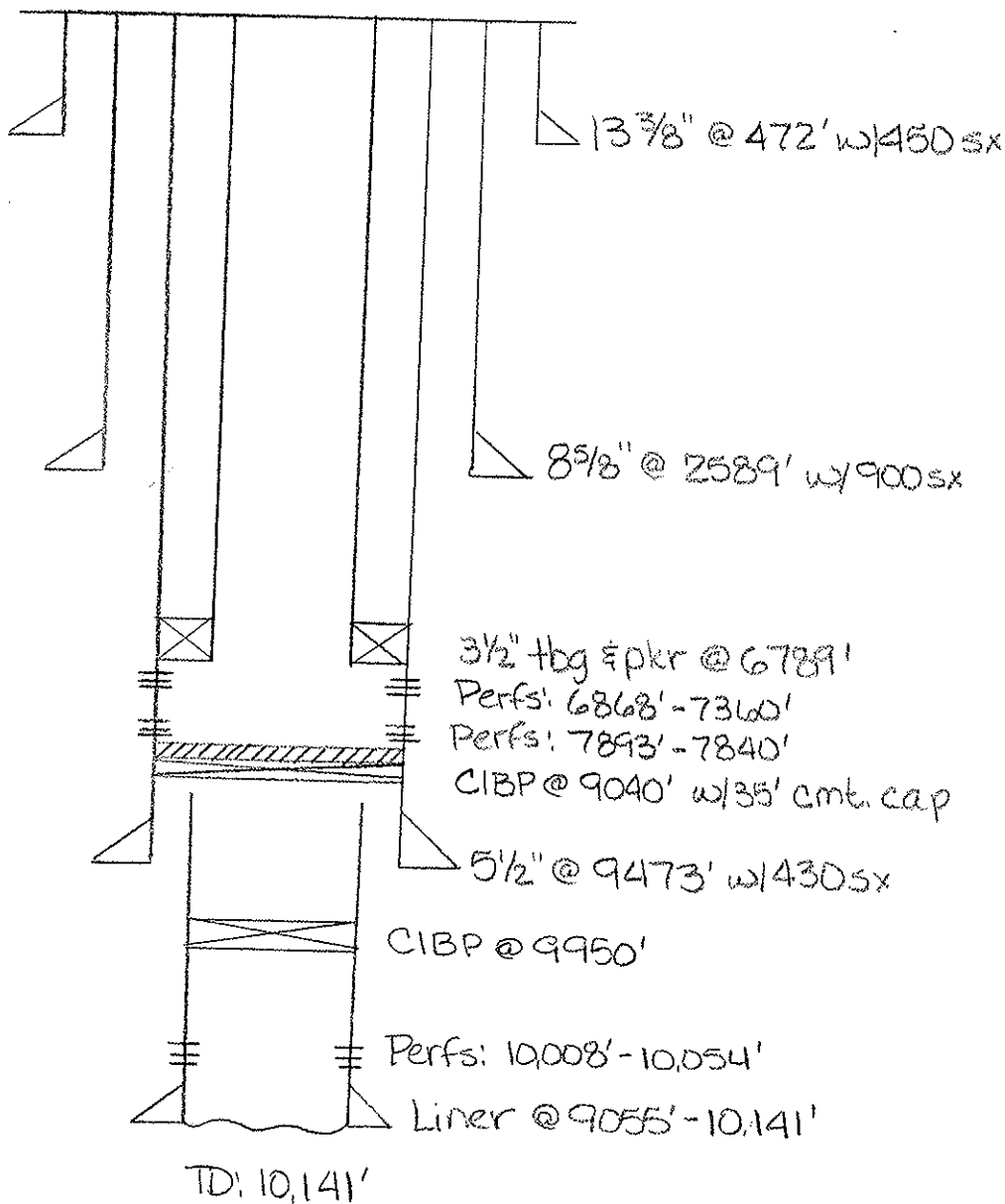
NAVAJO REFINING COMPANY

Map ID No. 10


Artificial Penetration Review

OPERATOR Lime Rock ResourcesLEASE Federal T SWDWELL NUMBER 1DRILLED 6-28-90PLUGGED NASTATUS Active SWDLOCATION Sec. 12 -T18S-R27EMUD FILLED BOREHOLE NATOP OF INJECTION ZONE 7449'API NO. 30-015-26404

REMARKS: Cal. Top of Cement @ 6967'



AL 7. Dem alidat



Queen	1219
Grayburg	1712
San Andres	2063
Glorieta	3680
Abso	
Wolfcamp	
Penn	8160
Strawn	8880
Atoka	9520
Morrow	9765

30-015-26404

Opoid 14744

prop - 7875

pool - 78890 - N. Illinois Camp Macao

1920410-0

1920430-6

1920450-W

initial

1991-14-91
2-14-91

Dual Anal.

2583-9170

Dual Lat

9480-10126

Cem Bond Log
6000-8090

Dual Spaced Auction

2000-10135

Dual Spaced Auction

8800-10141

NSL-2785

5-3-90

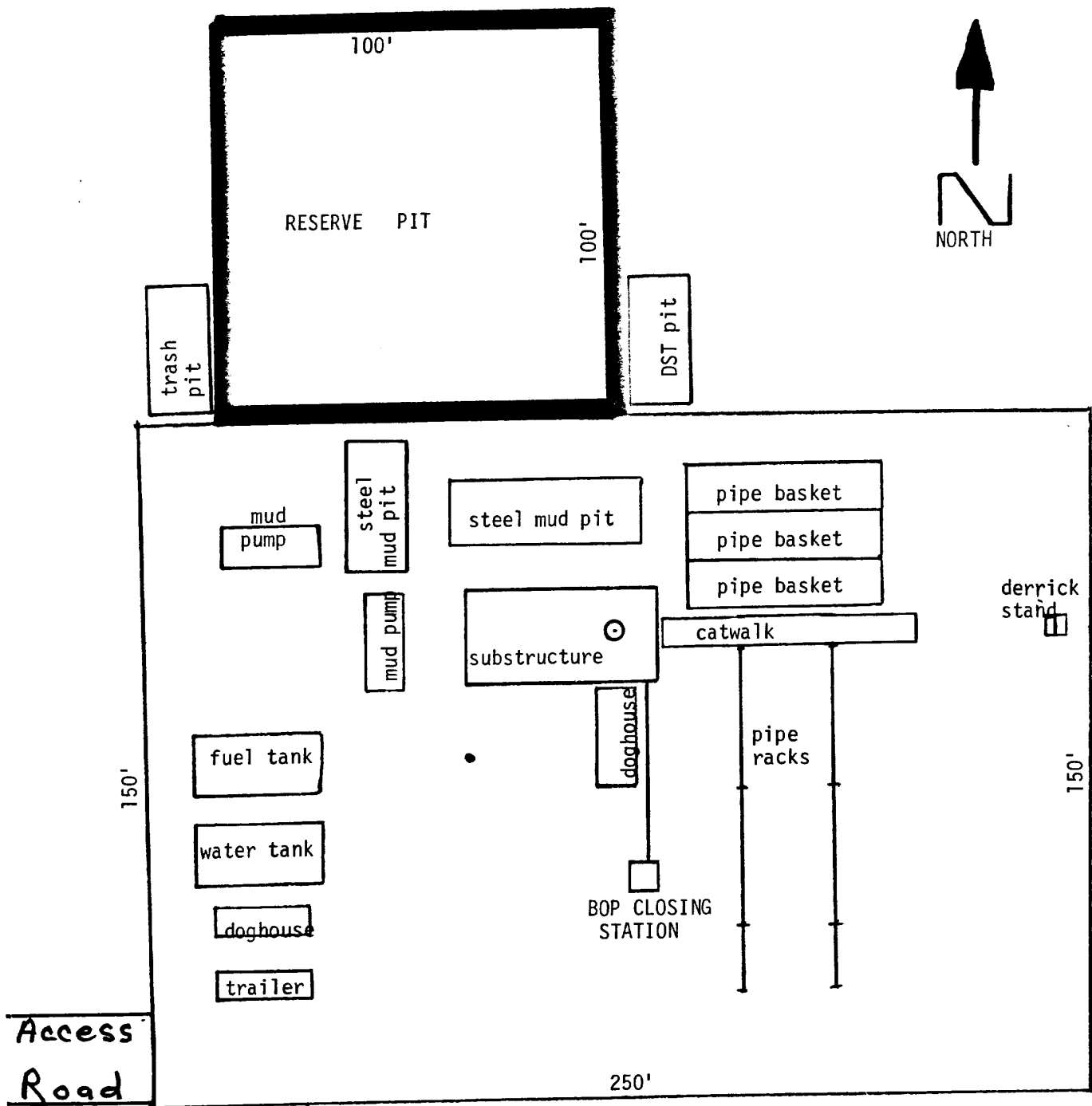
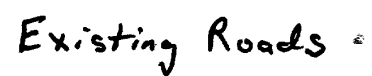


EXHIBIT "C"

MEWBORNE OIL COMPANY
 FEDERAL "T" # 1
 LEASE # NM-42410
 990' FEL & 660' FNL
 SEC. 12-T18S-R27E
 EDDY COUNTY, NEW MEXICO



MEWBOURNE OIL COMPANY
FEDERAL "T" # 1
LEASE # NM-42410
990' FEL & 660' FNL
SEC: 12-T18S-R27E
EDDY COUNTY, NEW MEXICO

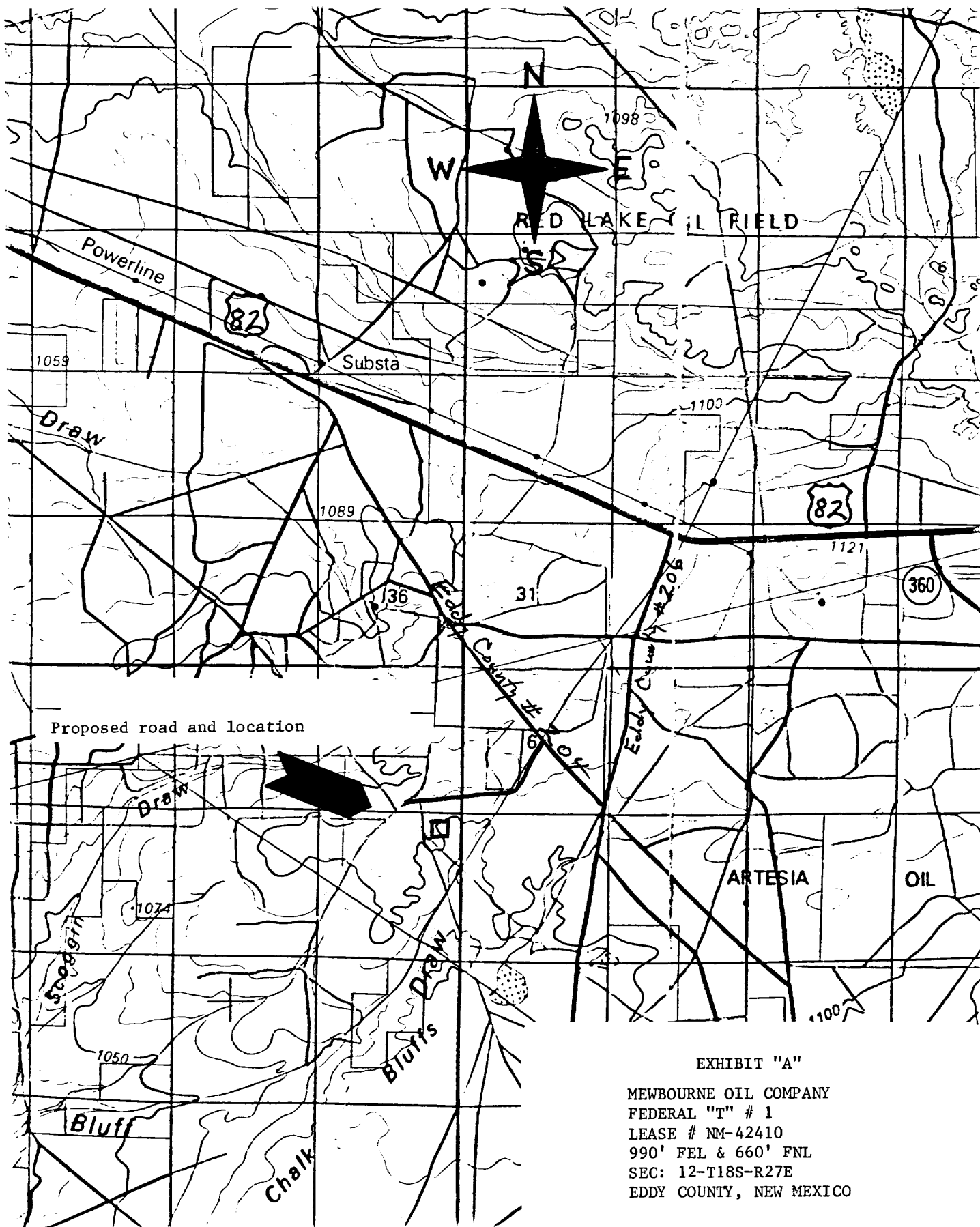


EXHIBIT "A"

MEWBOURNE OIL COMPANY
FEDERAL "T" # 1
LEASE # NM-42410
990' FEL & 660' FNL
SEC: 12-T18S-R27E
EDDY COUNTY, NEW MEXICO



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

May 3, 1990

Mewbourne Oil Company
c/c Hinkle, Cox, Eaton, Coffield & Hensley
500 Marquette, NW
Suite 800
Albuquerque, NM 87102-2121

Attention: James Bruce

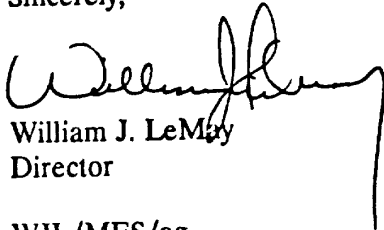
Administrative Order NSL-2785

Dear Mr. Bruce:

Reference is made to your application on behalf of Mewbourne Oil Company dated April 12, 1990 for a non-standard gas well location for your Federal "T" Well No. 1 to be located 660 feet from the North line and 990 feet from the East line (Unit A) of Section 12, Township 18 South, Range 27 East, NMPM, Undesignated North Illinois Camp Morrow Gas Pool, Eddy County, New Mexico. The N/2 of said Section 12 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of General Rule 104 (II) the above-described unorthodox gas well location is hereby approved.

Sincerely,



William J. LeMay
Director

WJL/MES/ag

cc: Oil Conservation Division - Artesia
US Bureau of Land Management - Carlsbad

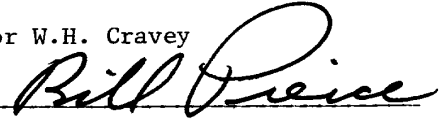
12. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Mewbourne Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

May 18, 1990

Date

For W.H. Cravey

A handwritten signature in cursive script, appearing to read "Bill Price", written over a horizontal line.

W.H. Cravey
Production Superintendent
Mewbourne Oil Company

10. OTHER INFORMATION:

A. The geologic surface formation is hard clay interspersed with sand and chert outcroppings. Vegetative cover is generally sparse and consist mostly of greasewood and bear grass.

B. The estimated tops of geologic markers are as follows:

Queen	1260'	Cisco	7740'
San Anres	2100'	Canyon	8350'
Glorieta	3720'	Strawn	8900'
Tubb	4930'	Atoka	9500'
Abo	5900'	Morrow	9600'
Wolfcamp	6900'	Mississippian	10,100'

C. The estimated depths at which anticipated water, oil, or gas are expected to be encountered:

Water: Possible surface water between 100-300'.

Oil: Penrose @ 1520'.

Gas: Wolfcamp @ 6900'.

D. Proposed Casing Program: See Form 9-331C.

E. Pressure Control Equipment: See Form 9-331C and Exhibit "D".

F. Mud Program: See Form 9-331C.

G. Auxiliary Equipment: Mud-gas seperator and PVT aystem from 6,000' - T.D.

H. Testing and Coring Program: Possibility of 6 DST's in the following zones; Wolfcamp, Cisco, Canyon, Strawn, Atoka, and Morrow. No cores are planned at this time.

Logging: Gamma Ray - Spectral
Density - Dual Spaced Neutron Log; T.D. to surface.
Gamma Ray - Dual Latero Log
Microguard Log; T.D. to Intermediate casing.

I. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered the proposed mud program will be modified to increase the weight.

J. Anticipated Starting Date: As soon as possible after BLM approval.

11. OPERATOR'S REPRESENTATIVE

The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

W.H. Cravey
Erick W. Nelson
Bill Pierce
701 South Cecil Street
Hobbs, New Mexico
Phone: (505) 393-5905

5. SOURCE OF CONSTRUCTION MATERIALS:

- A. Caliche for surfacing the road and location hopefully will come from the construction site. In the event that unsuitable material is encountered, caliche will be taken from a BLM pit located in the NE4/NW4 of section 12-T18S-R27E, which would be BLM pit # 18271203. This pit also extends into the SE4/SW4 of section 1-T18S-R27E which would be BLM pit # 18270114. An alternate pit which may be used in the event BLM pit # 18271203 contains unsuitable material would be a BLM pit located in the SW4/NE4 of section 1-T18S-R27E, which would be BLM pit # 18270107.

6. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human water will be complied with.
- E. All trash, junk and other waste material will be contained to prevent scattering and will be removed and deposited in an approved sanitary landfill.
- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

7. ANCILLIARY FACILITIES:

- A. None required.

8. WELLSITE LAYOUT:

- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit, and location of major rig components.
- B. The pad and pit area has been staked and flagged.

9. PLANS AND RESTORATION OF THE SURFACE:

- A. After completion of drilling and/or completion operations all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.

MULTI-POINT SURFACE USE AND OPERATING PLAN

MEWBOURNE OIL COMPANY

FEDERAL "T" WELL NO. 1

990' FEL & 660' FNL OF SEC. 12-T18S-R27E

EDDY COUNTY, NEW MEXICO

NEW MEXICO LEASE NO. NM-42410

This plan is submitted with the Application for Permit to Drill (APD) the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan and the magnitude of necessary surface disturbance involved, so that a complete appraisal can be made of the environmental effects associated with the operation. The surface to be disturbed is privately owned and a surface use agreement has been signed with the land owner.

1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a BLM map, 30 x 60 minute quadrangle; Artesia, New Mexico, showing the location of the proposed well as staked. From the junction of U.S. 82 and U.S. 285 Highways in Artesia, proceed east on U.S. 82 for 12 miles. Turn right (south) on Eddy County Road #206 (Illinois Camp Road) and proceed south for 1 3/4 miles. Turn right (west) on Eddy County Road #204 and proceed west for 3/10 of a mile. Turn left (south) on an existing caliche lease road and follow southwest for 7/8 of a mile. Turn left (south) and proceed 1/4 mile, turn left (east) into location.
- B. Culverts: None required.
- C. Cuts and Fills: A three foot cut will be required for construction of the location.
- D. Turn-Outs: None required.
- E. Gates and Cattleguards: None required.

2. LOCATION OF EXISTING WELLS:

- A. Existing wells in a 1 mile radius are shown of Exhibit "B".

3. LOCATION OF PROPOSED FACILITIES:

- A. If the well is productive, all production facilities will be constructed on the existing pad and no additional surface disturbance will occur.

4. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water will be purchased and trucked to the wellsite over the existing and proposed roads shown on Exhibits "A" and "AA".

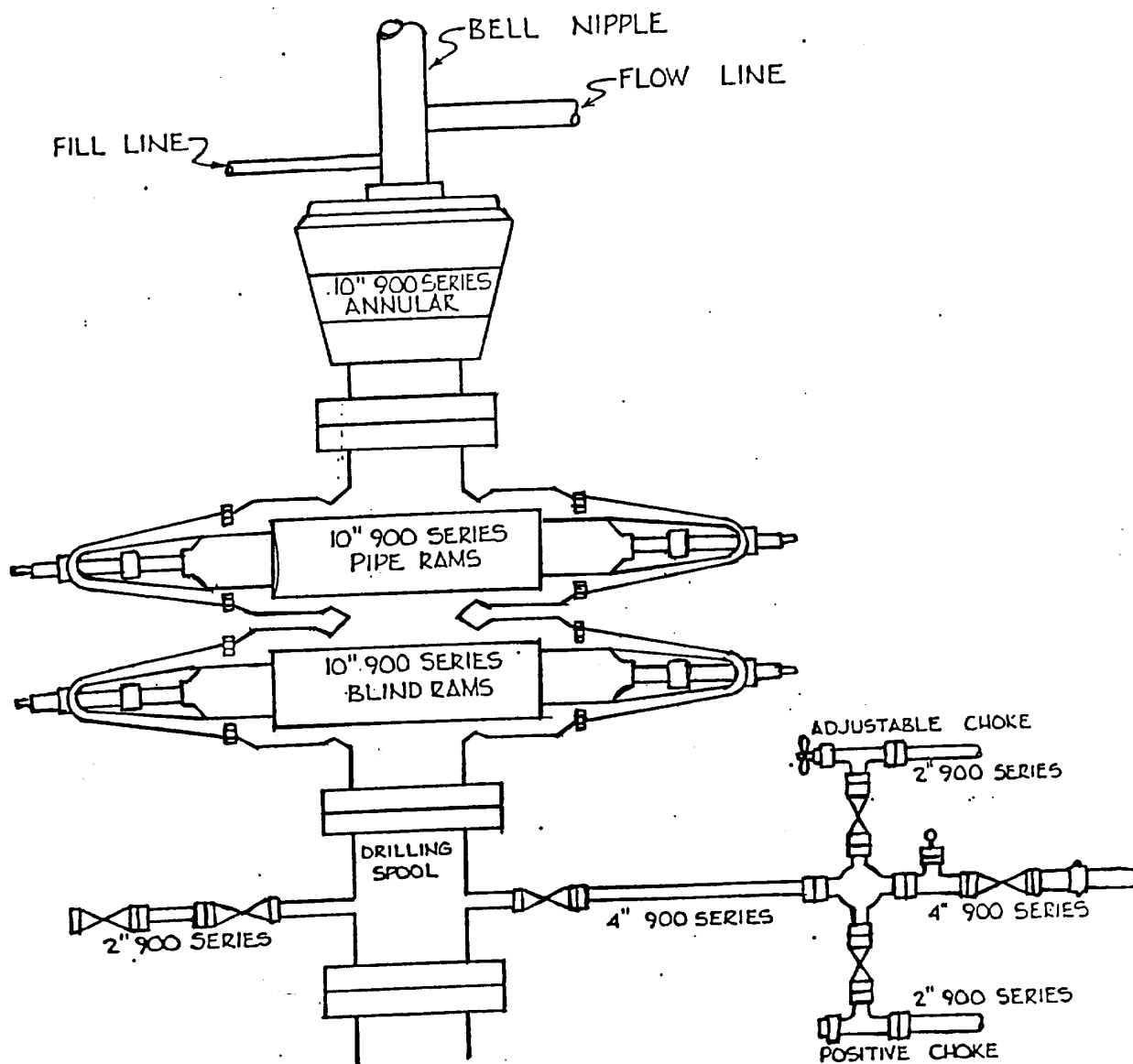


EXHIBIT "D"

MEWBOURNE OIL COMPANY
 FEDERAL "T" # 1
 LEASE # NM-42410
 990' FEL & 660' FNL
 SEC.12-T18S-R27E
 EDDY COUNTY, NEW MEXICO

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised 1-1-89

RECEIVED

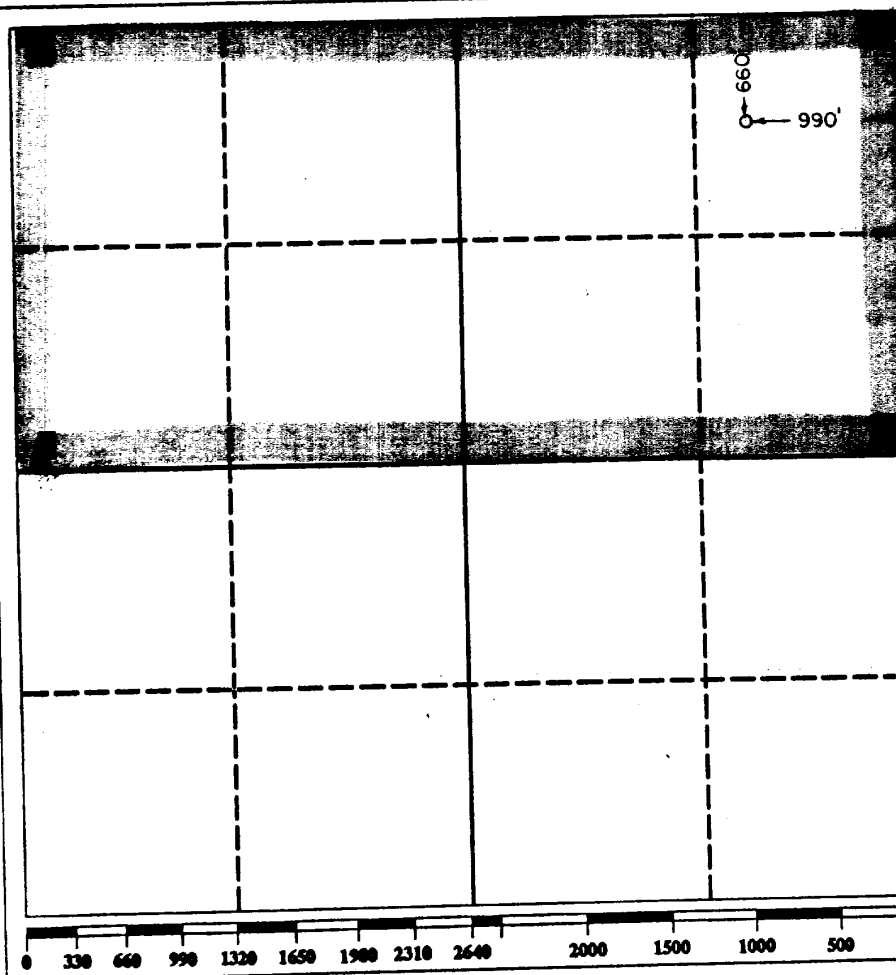
JUN 15 '90

O. C. D.
ARTESIA, OFFICE

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator MEWBOURNE OIL COMPANY			Lease FEDERAL "T"		Well No. 1
Unit Letter A	Section 12	Township 18 South	Range 27 East	County NMPM Eddy	
Actual Footage Location of Well: 660 feet from the North line and 990 feet from the East line					
Ground level Elev. 3618.9	Producing Formation Morrow		Pool North Illinois Camp Morrow		Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
W.H. Cravey

Printed Name
W.H. Cravey

Position
District Supt.

Company
Mewbourne Oil Company

Date
April 12, 1990

SURVEYOR CERTIFICATION

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
4/7/90

Signature & Seal of Professional Surveyor
Herschel
Professional Surveyor
No. 3640
REGISTERED LAND SURVEYOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

MEWBOURNE OIL COMPANY

3. ADDRESS OF OPERATOR

Box 5270; Hobbs, New Mexico 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FNL & 990' FEL

At proposed prod. zone

SAME

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

8 miles southeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

660'

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

19. PROPOSED DEPTH

10,300'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3618.9' GR

22. APPROX. DATE WORK WILL START*

Upon BLM approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	61#	450' ±	450 sks. Class C - Circulated
11"	8 5/8"	24# & 32#	2600' ±	700 sks. Class C - Tie back into surf.
7 7/8"	5 1/2"	17# & 20#	10,300' ±	600 sks. Class H

Mud Program :

0 - 450' Spud mud with fresh water gel and lime. LCM as needed.

450' - 2600' Fresh water gel and lime. LCM as needed.

2600' - 8500' Cut brine with lime for pH control. WT. 9.2 - 9.6ppg, WL - NG LCM as needed.

8500' - 10,300' Cut brine with Drispac, salt gel, lime, soda ash, and starch. WT. 9.2 - 9.6 ppg. WL 10 cc's or less. Raise weight accordingly if abnormal pressures are encountered.

BOP PROGRAM:

900 series BOP and Hydril on 13 3/8" surface casing and on 8 5/8" intermediate casing.

Gas is not dedicated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. For W.H. Cravey

SIGNED

Bill Pierce

TITLE District Superintendent

DATE 5/18/90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by Richard L. [unclear]

APPROVED BY

TITLE

DATE

6-13-90

CONDITIONS OF APPROVAL, IF ANY

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

ATTACHED

756-2785 Appr. 5-3-90

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other Instructions on reverse side)
RECEIVED

Form approved, *clsf*
Budget Bureau No. 1004-C-1
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-42410

IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Mewbourne Oil Company		8. FARM OR LEASE NAME FEDERAL "T"	
3. ADDRESS OF OPERATOR P. O. Box 7698, Tyler, Texas 75711		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 990' FEL		10. FIELD AND POOL, OR WILDCAT North Illinois Camp Morrow	
14. PERMIT NO. API #30-015-26404		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-18S-27E	
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 3618.9' GR		12. COUNTY OR PARISH Eddy	
		13. STATE N.M.	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.) *

6/29/90 - Spud at 12:15 PM 6/28/90.

Ran 15 joints 13-3/8" 68# New LT&C Casing set at 472' cemented with 100 sxs of Class "C" Thixad containing 3% CaCl₂ + 1/2#/sx Celloseal + 5#/Sx Gilsonite followed by 200 sxs of Class "C" containing 6% gel + 1/2# Celloseal + 5#/sx. Gilsonite + 3% CaCl₂ followed by 150 sxs of Class "C" Neet + 3% CaCl₂. Plug down at 6:12 AM 6/29/90. Circulated 50 sxs of cement. Insert float in collar of first joint did not hole. Left casing SI with 300#.

7/05/90 - Ran 58 jts 8-5/8" J-55 32# 8rd ST&C New LS set at 2589' cemented with 650 sxs Class "C" cement + 6.00% gel + 5# Gilsonite + 0.5# Cello-seal + 3% CaCl₂ followed by 250 sxs Class "C" + 2% CaCl₂. Plug down to 2543' with 1300# at 6:20 PM 7/04/90 with full returns. Float held OK. Circulated 50 sxs.

ACCEPTED FOR RECORD

Ad

JUL 16 1990

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

SIGNED *Raymond Thompson* TITLE Engr. Oprns. Secretary DATE 7/05/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of the United States Government.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-073
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NM-42410
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different depth. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR Mewbourne Oil Company		3. ADDRESS OF OPERATOR P. O. Box 7698, Tyler, Texas 75711		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 990' FEL		5. PERMIT NO. API #30-015-26404		6. ELEVATIONS (Show whether DF, RT, CR, etc.) 3618.9' FR		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME FEDERAL "T"		9. WELL NO. 1		10. FIELD AND POOL, OR WILDCAT N. Illinois Camp Morrow		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-18S-27E		12. COUNTY OR PARISH Eddy		13. STATE N.M.	
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(Other)	<input type="checkbox"/>		
(Other)	<input type="checkbox"/>						

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.)

- 8/12/90 - Ran 5-1/2" casing as follows: 237 jts N-80, 17#, LT&C Used Casing set at 9473', cemented with 430 sxs Class "H" + .7 CF-14 + 5# salt + 1/4# Celloseal. Overdisplaced 1 bbl without bumping plug. No back flow or vacuum.
- 8/27/90 - Ran 4" liner set at 10,140' with top of liner at 9055'. Pumped 500 gallons Sure Bone, followed by 5 bbl fresh water. Spaced and cemented with 80 sacks Class "H" with 1% CF-14. Liner wiper plug down at 11:30 AM.

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

SIGNED

(This space for Federal or State office use)

TITLE Engr. Oprns. Secretary

DATE 9/06/90

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NM-42410
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		2. NAME OF OPERATOR Mewbourne Oil Company		3. ADDRESS OF OPERATOR P. O. Box 7698, Tyler, Texas 75711		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL & 990' FEL		5. PERMIT NO. API #30-015-26404		6. ELEVATIONS (Show whether DF, RT, GN, etc.) 3618.9' GR		7. UNIT AGREEMENT NAME FARM OR LEASE NAME FEDERAL "T"		8. WELL NO. 1		9. FIELD AND POOL, OR WILDCAT N. Illinois Camp Morrow		10. SEC. T., R., M., OR BLK. AND SURVEY OR ARMA 12-18S-27E		11. COUNTY OR PARISH Eddy		12. STATE N.M.	
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	<input type="checkbox"/>

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.)

9/14/90 - Perforated Morrow 10,008-014', 12 holes; 10,038-054', 36 holes. Total 48 holes 24'.

9/15/90 - Halliburton broke down perms with 2000 gals 7½% Morflo B.C. acid containing 1000 SCF/Bbl N₂ carrying 96 ball sealers and flushed with 23 bbls 2% KCL water containing 1000 SCF/Bbl N₂. Pressured casing to 1000#. Had good ball action. ISDP 5050#. In 5 mins., 4580#, In 10 mins, 4300#, In 15 mins, 4130#. Max 6000#. Max Rate 3.7 BPM. Avg 5850#. Avg Rate 3.4 BPM. 71 Bbls load to recover.

9/26/90 - Halliburton frac'd Morrow perms with 8900 gals gelled 2% KCL water + 87 tons of CO₂ carrying 11,500# 20/40 Interprop. Pressured annulus to 2000#. ISDP 5340#. In 5 mins 5080#, in 10 mins 4950#, in 15 mins 4850#. Avg 9500#. Avg rate 6 BPM. Max 9800#. Max rate 6.7 BPM. 211 bbls load to recover.

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

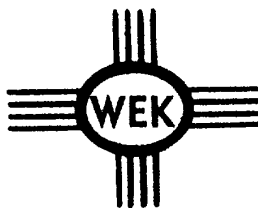
SIGNED: [Signature] TITLE: Engr. Oprns. Secretary DATE: 10/02/90

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

RECEIVED

JAN 31 1991

August 29, 1990

O. C. D.
ARTESIA, OFFICE

Mewbourne Oil Co., Inc.
P.O. Box 5270
Hobbs, NM 88241

Ref: Federal "T" #1

Gentlement:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

472' - $\frac{1}{4}^{\circ}$	4062' - $\frac{1}{2}^{\circ}$	6841' - $3\frac{1}{4}^{\circ}$
840' - 1°	4560' - $\frac{1}{2}^{\circ}$	6934' - $3\frac{1}{2}^{\circ}$
1380' - $\frac{1}{2}^{\circ}$	5048' - 0°	7026' - $2\frac{3}{4}^{\circ}$
1759' - $\frac{1}{4}^{\circ}$	5546' - $3\frac{3}{4}^{\circ}$	7148' - $2\frac{3}{4}^{\circ}$
2253' - $3\frac{3}{4}^{\circ}$	5950' - $1\frac{1}{4}^{\circ}$	7272' - 2°
2589' - $\frac{1}{4}^{\circ}$	6479' - $3\frac{3}{4}^{\circ}$	8137' - 2°
3068' - $\frac{1}{2}^{\circ}$	6564' - $4\frac{1}{2}^{\circ}$	8815' - 2°
3567' - $\frac{1}{4}^{\circ}$	6626' - $4\frac{1}{4}^{\circ}$	9470' - $1\frac{3}{4}^{\circ}$
		10141' - TD

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me on this 29th day of August 1990 by Arnold Newkirk.

My Commission Expires:

10-07-1992

Notary Public

SHIPPED AUG 31 1990

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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
Mewbourne Oil Company ✓

3. ADDRESS OF OPERATOR
P. O. Box 7698, Tyler, Texas 75711

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)*
At surface 660' FNL & 990' FEL
At top prod. interval reported below
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
NM-42410
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
FEDERAL "T"
9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
North Illinois Camp Morrow
11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
12-18S-27E
12. COUNTY OR PARISH
Eddy
13. STATE
N.M.

15. DATE SPUDDED 6/28/90
16. DATE T.D. REACHED 8/25/90
17. DATE COMPL. (Ready to prod.) 9/13/90
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3634', DF 3632', GL 3618'

20. TOTAL DEPTH, MD & TVD 10,141'
21. PLUG BACK T.D., MD & TVD 10,100'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,008-054' Morrow
25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL-MGRD, SDL-DSN
27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68#	472'	17-1/2"	450 sacks - Circ	None
8-5/8"	32#	2589'	12-1/4"	900 sacks - Circ	None
5-1/2"	17#	9473'	7-7/8"	430 sacks - Circ	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4"	9055'	10,141'	80		2-3/8"	9842'	8888'

31. PERFORATION RECORD (Interval, size and number)
10,008-014', 12 holes) 24'
10,038-054', 36 holes)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
10,008-054' 2000 gals 7½% acid. Frac'd w/
8900 gals 2% KCL wtr + 87 tons
CO₂ + 11,500# 20/40 Interprop.

33.* PRODUCTION
DATE FIRST PRODUCTION 9/15/90
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing
WELL STATUS (Producing or shut-in) Shut-in WOPL
DATE OF TEST 10/03/90 HOURS TESTED 24 hrs. CHOKE SIZE 34/64" PROD'N. FOR TEST PERIOD 1 BC GAS—MCF. 923 WATER—BBL. 2 GAS-OIL RATIO 923:1
FLOW. TUBING PRESS. 160# CASING PRESSURE 0# CALCULATED 24-HOUR RATE 1 BC GAS—MCF. 923 WATER—BBL. 2 OIL GRAVITY-API (CORR.) 58.0°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented
TEST WITNESSED BY Eric Nelson

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Raymond Thompson TITLE Engr. Oprns. Secretary DATE 10/25/90

*(See instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Penrose	1522'	1556'	Sandstone	Yates	476'	
Atoka	9566'	9575'	Sandstone	Queen	1218'	
Middle Morrow	9902'	9928'	Sandstone	Grayburg	1572'	
Lower Morrow	10008'	10054'	Sandstone	San Andres	2072'	
DST #1 Drinkard				Tubb	4824'	
				Abo	6016'	
				Wolfcamp	6716'	
		5850'	No cushion. Tool open 30 mins. IFP 88-45#, ISIP 296#. 62 mins. FFP 88-50#. FSIP 430#. 120 mins. Recovered 30' drilling fluid.	Cisco	7682'	
				Strawn	8912'	
DST #2 Abo				Atoka	9513'	
	6475'	6499'	No cushion. Tool open 30 mins. IFP 72-37#. ISIP 1953#. 60 mins. FFP 59-59# 60 mins. FSIP 1894#. 120 mins. Recovered 2' free oil, 122' drilling fluid.	Morrow	9628'	
				Morrow		
				Clastics	9828'	
				Lower Morrow	9965'	
				Barnett	10104'	

38. GEOLOGIC MARKERS

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

JAN 31 1991

O. C. D.
ARTESIA OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Mewbourne Oil Company ✓	Well No. 30-015-26404
Address P. O. Box 7698, Tyler, Texas 75711	
Reason(s) for Filing (Check proper box) New Well <input checked="" type="checkbox"/> Change in Transporter of: Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Change in Operator <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name FEDERAL "T"	Well No. 1	Pool Name, Including Formation North Illinois Camp Morrow	Kind of Lease <input checked="" type="checkbox"/> Lease, Federal or Texas	Lease No. NM-42410
Location Unit Letter A : 660 Feet From The North Line and 990 Feet From The East Line Section 12 Township 18S Range 27E, NMPM, Eddy County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Amoco Pipeline Inter- corporate Trucking	<input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Oil Tender Dept. Box 702068, Tulsa, OK 74170-2068				
Name of Authorized Transporter of Casinghead Gas Transwestern Pipeline Company	<input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1188, Houston, Texas 77251-1188				
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 12	Twp. 18S	Rge. 27E	Is gas actually connected? No	When? February, 1991

If this production is commingled with that from any other lease or pool, give commingling order number: No

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded 6/28/90	Date Compl. Ready to Prod. 9/13/90	Total Depth 10,141'	P.B.T.D. 10,100'					
Elevations (DF, RKB, RT, GR, etc.) DF 3632', GL 3618'	Name of Producing Formation Morrow	Top Oil/Gas Pay 10,008'	Tubing Depth 9,842'					
Perforations 10,008-054'	Depth Casing Shoe ---							
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
17-1/2"	13-3/8"	472'	450					
12-1/4"	8-5/8"	2589'	900					
7-7/8"	5-1/2"	9473'	430					
5-1/2"	4" Liner	10140'	80					

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 top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.) Post ID-2	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size 3-15-96 comp & BK
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 923	Length of Test 24 hours	Bbls. Condensate/MMCF 1	Gravity of Condensate 58°
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 2300#	Casing Pressure (Shut-in) ---	Choke Size 34/64"

VI. OPERATOR 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.

Signature
Gaylon Thompson, Engr. Oprns. Sec.
Printed Name
Title

OIL CONSERVATION DIVISION

Date Approved MAR 12 1991

By

Signature

DISTRICT II

1/28/91

(903) 561-2900

Date

Telephone No.

Title SUPERVISOR, DISTRICT II**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

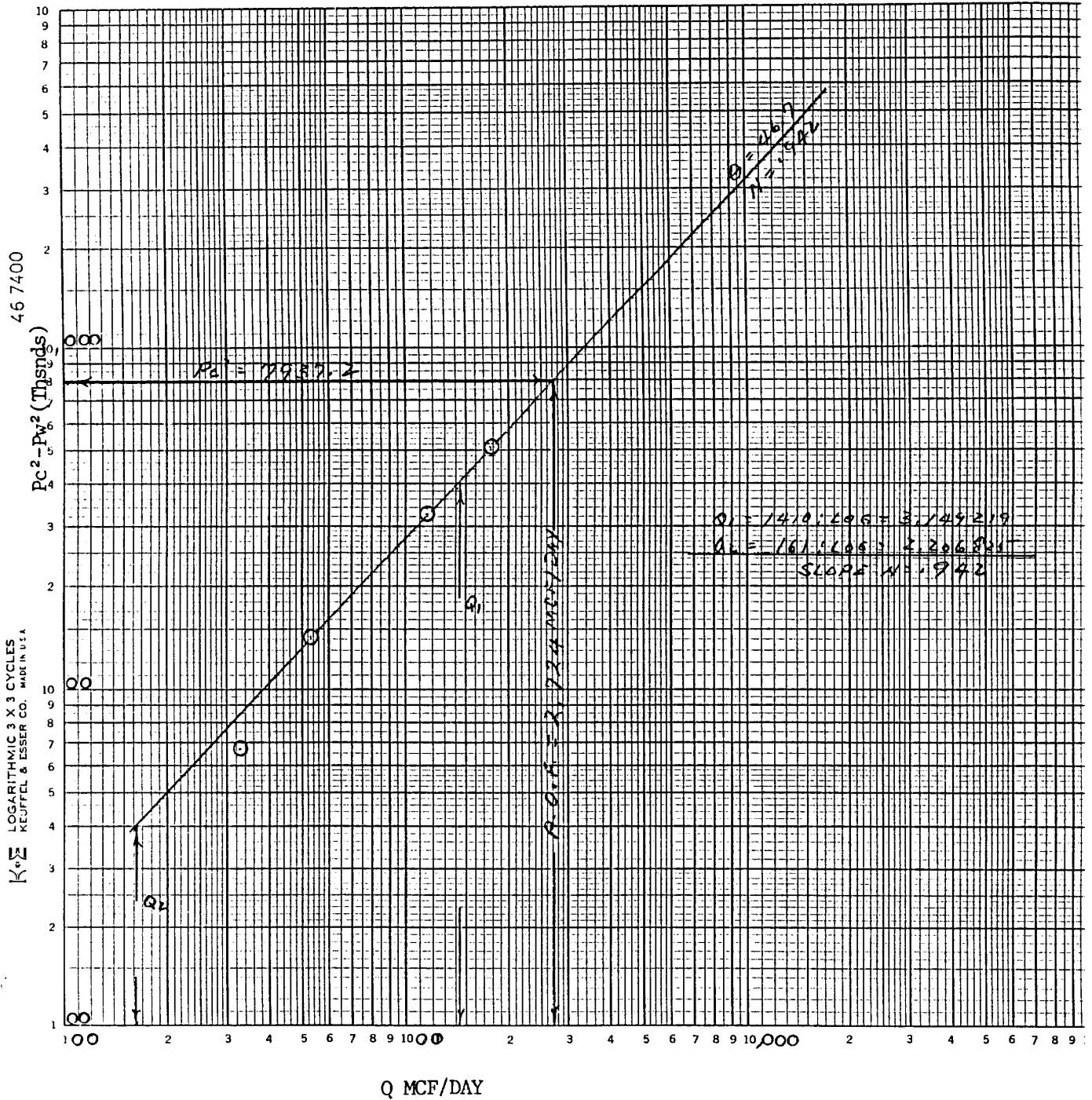
- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

cl's
File

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 10-11-90	
Company Mewbourne Oil Company		Connection Vented	
Pool North Illinois Comp Morrow		Formation Morrow	
Completion Date 09-13-90		Total Depth 10141	Plug Back TD 10100
Elevation 3634 KB		Unit A	
Form or Lease Name Federal T		Well No. 1	
Csg. Size 4"	Wt. 10.46	Set At 10141	Perforations From 10008 To 10054
Thq. Size 2 3/8	Wt. 4.7	Set At 9842	Perforations From OPEN To END
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single		Packer Set At 8888	County Eddy
Producing Thru TBC	Reservoir Temp. °F 174 @ 10031	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2
L 10031	H 10031	C _g .656	% CO ₂ 2.293
		% N ₂ .39	% H ₂ S ---
Prover 2.067	Water Run 2.067	Taps Flg.	
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2	X	1.250
2.	2	X	1.250
3.	2	X	1.250
4.	2	X	1.250
5.			
TUBING DATA			
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2	X	1.250
2.	2	X	1.250
3.	2	X	1.250
4.	2	X	1.250
5.			
CASING DATA			
NO.	Prover Line Size	X	Orifice Size
SI			
1.	2	X	1.250
2.	2	X	1.250
3.	2	X	1.250
4.	2	X	1.250
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{P_a P_m}$	Pressure P _m
1.	8.120	32.24	80.2
2.	8.120	51.01	180.2
3.	8.120	112.30	192.2
4.	8.120	171.39	312.2
5.			
NO.	P _r	Temp. °R	T _r
1.	.12	516	1.38
2.	.26	510	1.37
3.	.28	507	1.36
4.	.46	514	1.38
5.			
Gas Liquid Hydrocarbon Ratio 61.2 Mcf/bbl.			
A.P.I. Gravity of Liquid Hydrocarbons 58.0 @ 60° Deg.			
Specific Gravity Separator Gas .656 X X X X X X X X			
Specific Gravity Flowing Fluid X X X X X			
Critical Pressure *678 P.S.I.A.			
Critical Temperature *372 R			
P _c 2817.3 P _r 7937.2			
NO.	P _r	P _m	P _r ² - P _m ²
1		2696.2	7269.5
2		2555.8	6532.1
3		2173.1	4722.4
4		1689.2	2853.4
5			
(1) $\frac{P_c^2}{P_r^2 - P_m^2} = 1.561$ (2) $\left[\frac{P_r^2}{P_r^2 - P_m^2} \right]^n = 1.521$			
AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_m^2} \right]^n = 2.724$			
Absolute Open Flow 2,724 Mcld @ 15.025		Angle of Slope 46.7	Slope, n .942
Remarks: *corrected to 2.293% CO ₂ & .39% N ₂			
Well made 2.6 BBLs 58.0 API CONDENSATE during test & .5 BBL H ₂ O			
Approved By Division		Conducted By:	Calculated By:

Mewbourne Oil Company
Federal T, Well #1
Eddy County, New Mexico
12 - 18S - 27E
10-11-90



Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

451
2
6
10

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Mewbourne Oil Company		Well API No. 30-015-26404
Address P.O. Box 5270 Hobbs, New Mexico		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

If change of operator give name
and address of previous operator

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal "T"	Well No. 1	Pool Name, Including Formation North Illinois Camp Morrow	Kind of Lease State , Federal Oil	Lease No. NM-42410
Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>12</u> Township <u>18S</u> Range <u>27E</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Amoco Pipeline Inter- corporate Trucking	<input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) Oil Tender Dept. Box 702068 Tulsa, Ok 74170-2068
Name of Authorized Transporter of Casinghead Gas Transwestern Pipeline Company	<input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1188 Houston, Texas 77251-1188
If well produces oil or liquids, give location of tanks.	Unit <u>A</u> Sec. <u>12</u> Twp. <u>18S</u> Rge. <u>27E</u>	Is gas actually connected? <u>Yes</u> When? <u>02/07/91</u>

If this production is commingled with that from any other lease or pool, give commingling order number: No

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
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 top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	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/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Signature W.H. Crawey District Supt.
Printed Name W.H. Crawey Title

OIL CONSERVATION DIVISION

Date Approved MAR 12 1991

By ORIGINAL SIGNED BY
MIKE WILLIAMS
Title SUPERVISOR DISTRICT II

Printed Name

Date 02/18/91

(505) 393-5905

Telephone No.

Title

Superintendent, District

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

P.O. DRAWER 00
ARTESIA, NEW MEXICO 88211
(505) 748-1283

Date: August 9, 1991

Mewbourne Oil Co.
P.O. Box 5270
Hobbs, N.M. 88241

Re: Wells placed in pool

Gentlemen:

As the result of Division Order R-9545 the following described well (s) ~~has~~ have) been placed in the pool ~~to~~ shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

North Illinois Camp- Morrow Gas Pool-78890
Federal T #1 A-12-18-27
Chalk Bluff Fed. Com. #1 N-1-18-27

Transporters are advised, by copy of this letter, to change their records to reflect the pool name as established by this order, effective July 1, 1991.

Sincerely,

Darrell Moore

Darrell Moore
District Geologist

cc: Each Transporter Amoco Pipeline, Transwestern
Santa Fe
Mae
Well File ✓
Joe Chism
BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Bureau No. 1004-103
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

AUG - 2 1993

C.T.D.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL
Sec. 12-T18S-R27E

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" No. 1

9. API Well No.

10. Field and Pool, or Exploratory Area

Canyon

11. County or Parish, State

Eddy Co., N.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☒ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

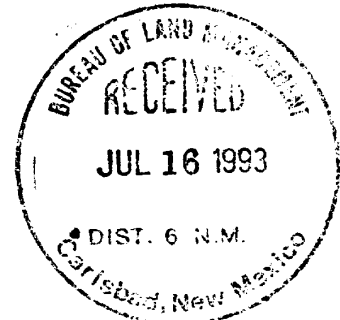
☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

1. Plug back existing perforations (10,008'-10,054') with a CIBP @ 9950' and 9040'. Cap both plugs with 50' cement.
2. Perforate the Cisco formation @ 7700'-8050'.
3. Stimulate if necessary.



Procedure per conversation with Adam S. on June 23, 1993.

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

Signed

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID R. GLASS
Conditions of approval, if any:

Title District Supt.

Title Petroleum Engineer

Date July 14, 1993

Date JUL 15 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION

Drawer DD

Carlsbad, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp Morrow

11. County or Parish, State

Eddy Co. New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

OCT - 6 1993

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL

Sec. 12-T18S-R27E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

* Verbal from Adam Salameh

08/14/93 Well pumping 1442 BW. 0 BO, 0 MCF from attempted completion in Cisco formation. MIRU well service rig.
08/15/93 Set CIBP @ 7595' over Cisco Perfs (7685'-7695'). Dump 4 sx. cmt. on plug. Perf. Wolfcamp formation (7330'-7360') (44 H)
08/16/93 Swabbed well down w/no entry.
08/17/93 Acidized Wolfcamp formation w/3000 gal 15% FE acid. Swabbed water w/no show of oil or gas.
08/18/93 Set CIBP @ 7300' over Wolfcamp formation (7330'-7360'). Dump 4 sx. cmt. on plug. Perf'd Wolfcamp formation (7092'-7146') (62H). Swabbed well down. No entry.
08/19/93 Acidized Wolfcamp formation (7092'-7146') w/3000 gal. 15% FE acid.
08/20/93 Swabbed well w/no show of oil or gas.
08/21/93 Set CIBP @ 7078' over Perfs (7092'-7146'). Perf'd Wolfcamp (6868'-7038') (80H)
08/22/93 Acidized Wolfcamp formation (6868'-7038') w/3000 gal. 15% FE acid.
08/24/93 Swabbing water w/trace of oil.
08/26/93 Acid frac'd Wolfcamp (6868'-7038') w/3000 gal. 20% FE acid & 15,000 gal. gel water.
See attached page.

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

Signed

(This space for Federal or State office use)

Title Production Engineer

Date 09/08/93

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

CT - 4 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

CARLSBAD, NEW MEXICO

08/27/93 RIH w/pump & started pumping well.
08/28/93 0 B0 276 BW 8 MCF
09/03/93 5 B0 30 BW 5 MCF
09/05/93 2 B0 25 BW 4 MCF

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp

11. County or Parish, State Morrow

Eddy Co. N.M.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Newbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL Sec. 12-T18S-R27E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☒
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☐
- Other
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water


(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)* Verball from Adam - BLM.

07/19/93 Set 4" CIBP @ 9950' over Morrow Perfs. (10,008'-10,054') Dump 2 sx. cmt.
07/21/93 Set 5-1/2" CIBP @ 9040' @ top of liner. Dumped 4 sx. cmt.
07/22/92 Perf. Cisco Formation (8034'-8042' w/2 SPF & 8055'-8060' w/2SPF. Swabbed tested all water.
07/24/93 Set cmt. retainer @ 8000'. Pumped 100 sx. cmt. into perfs. (8034'-8060')
07/25/93 Perf. Cisco Formation 7832'-7840' w/2 SPF. Swab tested all water.
07/27/93 Set cmt. retainer @ 7820'. Pumped 100 sx. cmt. into perfs. (7832'-7840')
07/28/93 Perf. Cisco Formation 7790'-7798' w/2 SPF. Swab tested all water.
07/29/93 Set cmt. retainer @ 7780'. Pumped 100 sx. cmt. into perfs. (7790'-7798')
07/30/93 Perf. Cisco Formation 7760'-7768' w/2 SPF. Swab tested all water.
07/31/93 Set cmt. retainer @ 7745'. Pumped 100 sx. cmt. into perfs. (7760'-7768')
08/01/93 Perf. Cisco Formation 7685'-7695' w/4 SPF. Swab tested water w/show of gas.
08/03/93 Acidized Cisco Formation (7685'-7695') w/3000 gal 15% FE acid.
08/04/93 RIH w/tbg. pump to 5033' & started pumping well.
08/05/93 1100 BWPD No oil.
08/06/93 1200 BWPD No oil.

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

Signed



Title Engineer

Date August 20, 1993

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

RECEIVED

OCT - 4 1993

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator MEWBOURNE OIL COMPANY		Well API No. 30-015-26404
Address P.O. BOX 5270, HOBBS, NM 88241		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input checked="" type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name FEDERAL "T"	Well No. 1	Pool Name, including Formation NORTH ILLINOIS CAMP, WOLF CAMP	Kind of Lease State, Federal or Fee	Lease No. NM-42410
Location Unit Letter <u>A</u> : 660' Feet From The <u>FNL</u> Line and 990' Feet From The <u>FEL</u> Line Section 12 Township 18S Range 27E, NMPM, EDDY County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>AMO</u>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> GPM GAS CORPORATION	Address (Give address to which approved copy of this form is to be sent) BARTLESVILLE, OKLAHOMA 74004	
If well produces oil or liquids, give location of tanks.	Unit 12	Sec. 18S
	Twp. 27E	Rge. 18S
Is gas actually connected?	YES	When? 8-1-93

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 Res'v	Diff Res'v
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 top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	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/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Signature
JAY PRUDHOMME
Printed Name

PRODUCTION ENGINEER
Title

OIL CONSERVATION DIVISION

Date Approved OCT - 7 1993

By ORIGINAL SIGNED BY
MIKE WILLIAMS
Title SUPERVISOR, DISTRICT II

SEPT. 28, 1993
Date

(505) 393-5905
Telephone No.

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL & GAS
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Form No. 104-013
Expires: March 31, 1993

C/5P

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

OCT 26 1993

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL
Sec. 12-T18S-R27F

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

North Illinois Camp Morrow

11. County or Parish, State

Eddy Co. N.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other <u>Shut-in Status</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Mewbourne Oil Company here by requests "shut-in" status pending further evaluation of the lease for the above well. The well was spudded 06/28/90. Attached is a copy of the stimulation report which charts the annulus pressure during a break down on the Wolfcamp recompletion.

Approved For 12 Month Period
Ending 8/27/94

SEP 21 11 09 AM '93
RECEIVED

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

Signed [Signature]

Title Production Engineer

Date 09/21/93

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any:

Title Petroleum Engineer

Date 10/18/93

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

HALLIBURTON SERVICES

ACQUIRE Version 1.52

CUSTOMER AND JOB INFORMATION

Customer	MEWBOURNE OIL	Date	21-Aug-1993
Contractor	X-PERT	County	EDDY
Lease	FED-T	Town	
Location	ARTESIA	Section	
Formation		Range	
Job Type	ACID	Permit No	
Country	USA	Well No	1
State	NM	Field Name	

Customer Representative BRENT THURMAP

Halliburton Operator TOMMY VAUGHN

Ticket No. 498331NO

STAGE DESCRIPTIONS

ST ACID
ST FLUSH

WELL CONFIGURATION INFORMATION

Packer Type COMP Depth 6765 ft
Bottom Hole Temp. 120.0 Deg F

PIPE CONFIGURATION

Wellbore Segment Number	Measured Depth (ft)	TVD (ft)	Casing ID (inch)	Casing OD (inch)	Tubing ID (inch)	Tubing OD (inch)
1	6868	6868	4.950	5.500	2.441	2.875

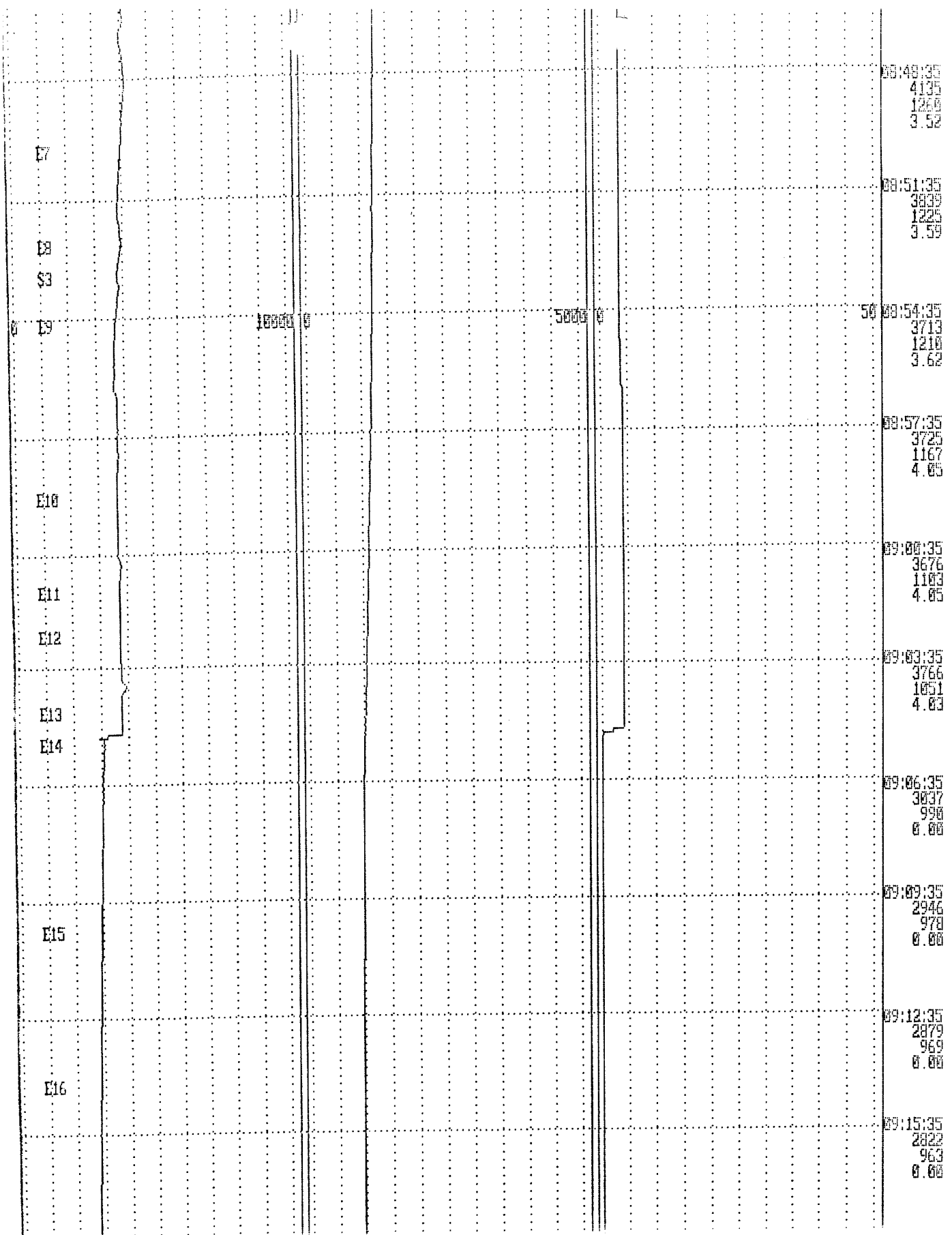
PERFORATIONS

Perforation Interval	Top (ft)	Bottom (ft)	Shots per (ft)
1	6868	7038	2

REMARKS ABOUT JOB

TREAT AS INST

NOTICE: THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON, HALLIBURTON MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE DATA OR OF ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Dr ar DD FORM APPROVED
Artesia, NM Budget Bureau No. 1004-0135
882000 March 31, 1993

CISF

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL
Sec. 12-T18S-R27E

Unit A

5. Lease Designation and Serial No.

NM 42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal T #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

N. Illinois Camp Morrow

11. County or Parish, State

Eddy Co., N.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Casing Integrity Test

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

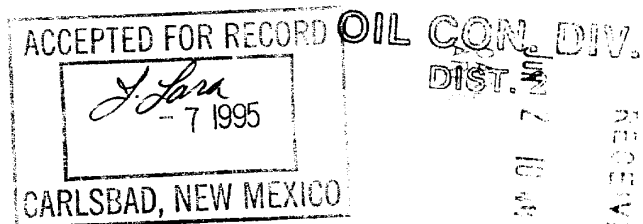
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Loaded casing with 80 bbls. water and tested to 1,000#. Lost 10# in 30 minutes. Casing integrity test witnessed and approved by BLM representative on 5/23/95.

- Had no pressure on 5-1/2" - 8-5/8" Annulus or 8-5/8" - 13-3/8" Annulus

RECEIVED

JUL 10 1995



RECEIVED

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

Signed

Title

Engineer

Date

5/24/95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

5 U.S.C. Section 552 makes it a crime in any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or communications or to any matter within its jurisdiction.

This instruction on the back of this

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

P.O. Box 5270 Hobbs, New Mexico 88241 (505) 393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL
Sec. 12-T18S-R27E

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM 42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal "T" #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

N. Illinois Camp Morrow

11. County or Parish, State

Eddy Co. N.M.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Temporary Abandonment

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Mewbourne Oil requests temporary abandonment status for the above referenced well for the purpose of evaluating further behind pipe potential. This well passed the casing integrity test as noted on the attached sundry notice.

TA APPROVED FOR 12 MONTH PERIOD
ENDING 5/23/96

AUG 30 1995

OIL CON. DIV.
DIST. 2

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

Signed

Title

Engineer

Date Aug. 3, 1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

PETROLEUM ENGINEER

Date

8/28/95

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT N.M. Oil Cons. Division

FORM APPROVED
Budget Bureau No 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
811 S. 1st Street
Artesia, NM 88210-2834

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Well Name and No. Federal T #1
2. Name of Operator Mewbourne Oil Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 5270, Hobbs, NM 88241 (505) 393-5905	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage: Sec., T., R., M., or Survey Description) 660' FNL & 990' FEL Sec. 12-T18S-R27E	8. Well Name and No. Federal T #1
	9. API Well No. 30-015-26404
	10. Field and Pool, or Exploratory Area N. Illinois Camp Morrow
	11. County or Parish, State Eddy Co., NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Temporary Abandonment
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. 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.)
Mewbourne Oil Company requests an extension of Temporary Abandonment Status for the above referenced well for the purpose of evaluating further behind pipe potential. This well passed the casing integrity test on 05/23/95 and indicates no additional tests should be needed.

RECEIVED
NOV 21 9 50 AM '96

14. I hereby certify that the foregoing is true and correct		
Signed <u>Holbert G. Jones</u>	Title <u>Engineer</u>	Date <u>11/25/96</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

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*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

CIS F

FORM APPROVED
Bureau of Land Management No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Mewbourne Oil Company

3. Address and Telephone No.
PO Box 5270, Hobbs, NM 505-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 990' FEL, Sec.12 T-18S R-27E

5. Lease Designation and Serial No.
NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Federal T #1

9. API Well No.
30-015-26404

10. Field and Pool, or Exploratory Area
N. Illinois Camp Morrow

11. County or Parish, State
Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

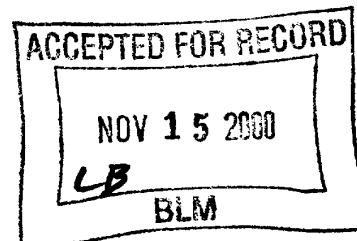
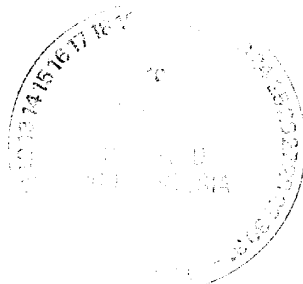
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other MIT.

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

The above caption well was successfully MIT'ed on 10/25/2000. (520 psi for 30 mins.)
The pressure chart is enclosed.
If any question, please call.



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

Signed *[Signature]*

Title N.M. Young

District Manager

Date 11/01/00

(This space for Federal or State office use)

Approved by *[Signature]*
Conditions of approval, if any:

Title

Date

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal T #1

9. API Well No.
30-015-26404

10. Field and Pool, or Exploratory Area
N. Illinois Camp Morrow

11. County or Parish, State

Eddy, NM

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

PO Box 5270, Hobbs, NM 505-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL, Sec.12 T-18S R-27E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CIT & Extend T/A.

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

The above caption well is currently under T/A status. Mewbourne Oil Company would like to extend this status. The well has a 5 1/2" CIBP above all perfs @ 6800". We are considering converting this well into a SWD. At this time, Mewbourne would like to schedule a CIT (500 psi) & after passing, extend T/A status for an additional time.

If any question, please call.



TA-12-27-18-27E 12/25/2000

RECEIVED
2000 OCT 10 P 2:34
BUREAU OF LAND MGMT.
LAND SURVEY RESOURCE AREA

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

Signed *N.M. Young*

Title N.M. Young District Manager

Date 10/06/00

(This space for Federal or State office use)

Approved by (OPM. SEC.) JOE G. LARA

Title Petroleum Engineer

Date 11/6/2000

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

CISF

CCD - Artesia

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Mewbourne Oil Company

3. Address and Telephone No.

PO Box 5270, Hobbs, NM 505-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL, Sec.12 T-18S R-27E

5. Lease Designation and Serial No.

NM-42410

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal T #1

9. API Well No.

30-015-26404

10. Field and Pool, or Exploratory Area

N. Illinois Camp Morrow

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other CIT & Extend T/A.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

The above caption well is currently under T/A status. Mewbourne Oil Company would like to extend this status. The well has a 5 1/2" CIBP above all perfs @ 6800". We are considering converting this well into a SWD. At this time, Mewbourne would like to schedule a CIT (500 psi) & after passing, extend T/A status for an additional time.

If any question, please call.

TA Approved For 12 Month Period
Ending 10/25/2001

Note to Operator:
Please submit a copy of pressure test chart. Rec'd a copy 07/11/2000.

RECEIVED
2000 OCT 10 P 2:34
BUREAU OF LAND MGMT.
OIL AND GAS RESOURCE AREA

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

Signed N.M. Young

Title N.M. Young District Manager

Date 10/06/00

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any:

Title Petroleum Engineer

Date 11/6/2000

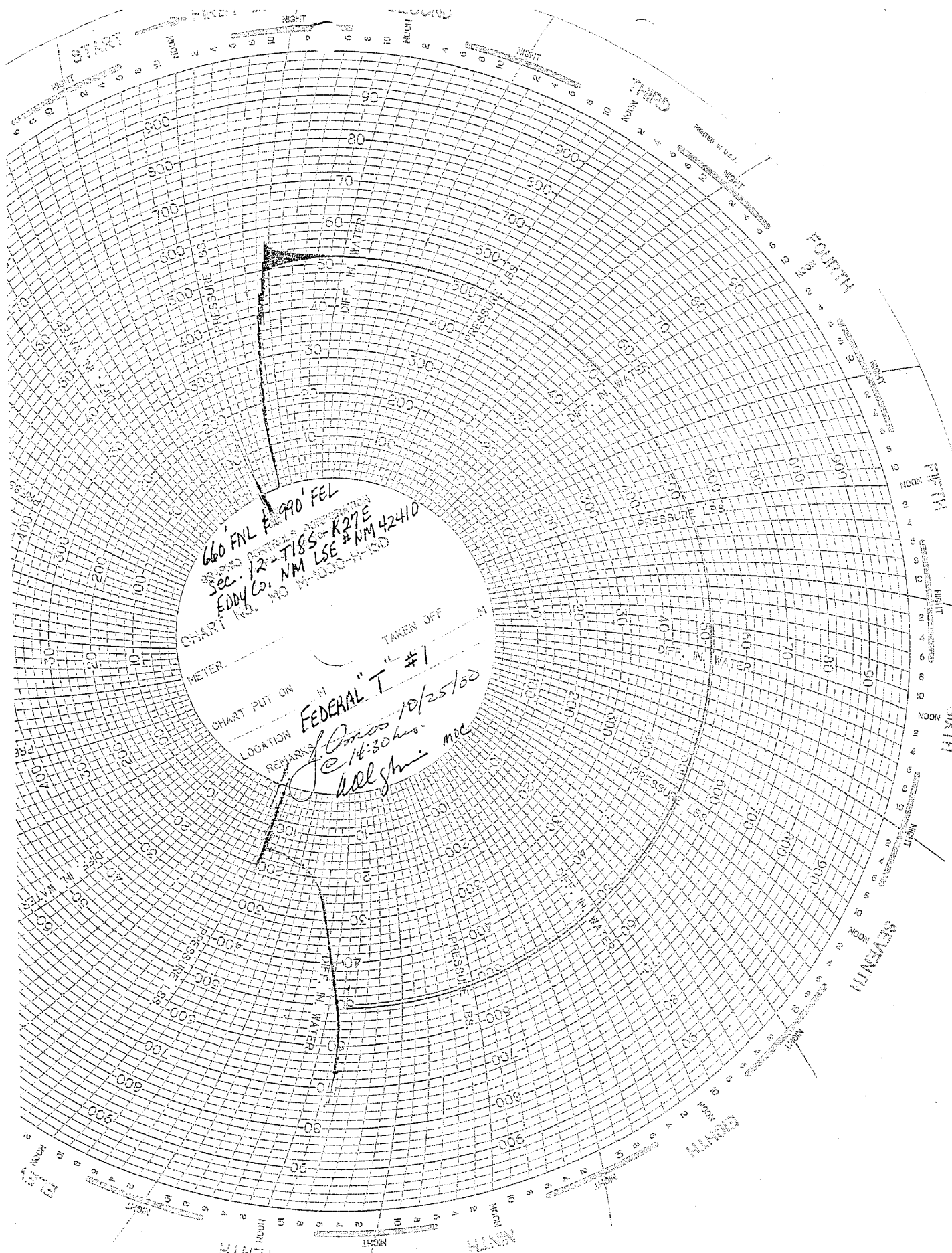
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

RECEIVED

2000 NOV -9 1P 2:16

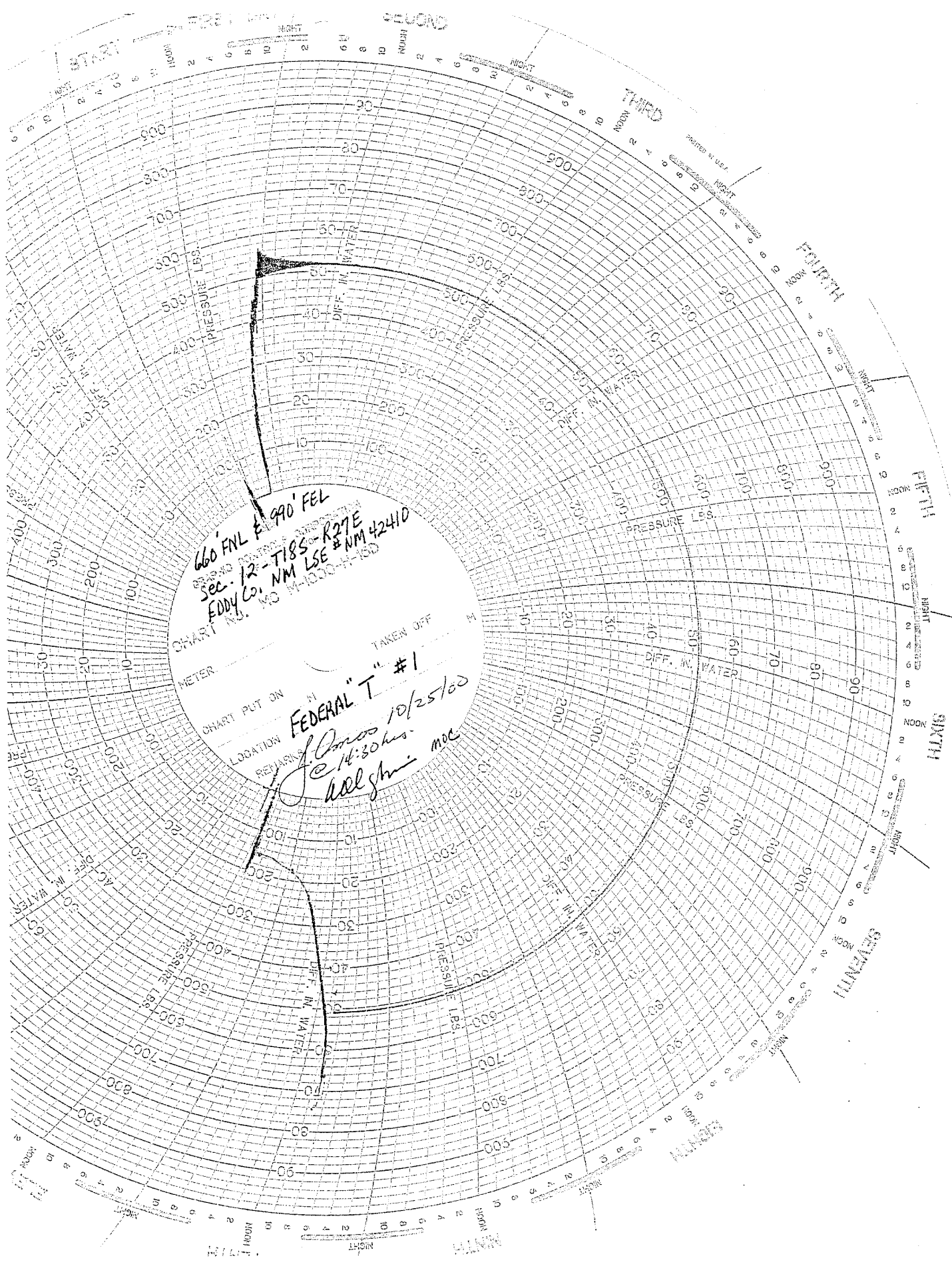
WILSON AND MGMT.
TO RESOURCE AREA



RECEIVED

2000 NOV -9 1P 2:16

OFFICE OF LAND MGMT.
WILDLIFE RESOURCE AREA



660' FNL & 990' FEL
Sec. 12-TIBS-R27E
EDDY CO. NM LSE NM 42410
CHART NO. 1000-150

METER _____ TAKEN OFF _____
CHART PUT ON _____
LOCATION _____
REMARKS
FEDERAL "T" #1
@ 14:30 hrs.
all gms. moc



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

Field Inspection Program

"Preserving the Integrity of Our Environment"

05-Dec-03

MEWBOURNE OIL CO

PO BOX 7698

TYLER, TX 75711-0000

NOTICE OF VIOLATION - Inspection

Dear Operator:

The following inspection(s) indicate that the well, equipment, location or operational status of the well(s) failed to meet standards of the New Mexico Oil Conservation Division as described in the detail section below. To comply with standards imposed by Rules and Regulations of the Division, corrective action must be taken immediately and the situation brought into compliance. The detail section indicates preliminary findings and/or probable nature of the violation. This determination is based on an inspection of your well or facility by an inspector employed by the Oil Conservation Division on the date(s) indicated.

Please notify the proper district office of the Division, in writing, of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and/or facility.

INSPECTION DETAIL SECTION

FEDERAL T 001		A-12-18S-27E	30-015-26404-00-00			
Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
12/05/2003	Routine/Periodic	Mike Bratcher	Yes	No	3/9/2004	iMLB0333931134
Comments on Inspection:		TA status for this well expired 10/25/01. Last production reported was 7/93. Well is in violation of Rule 201. (Idle Well)				

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: nformation in Detail Section comes directly from field inspector data entries - not all blanks will contain data.
*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

Field Inspection Program
"Preserving the Integrity of Our Environment"

05-Dec-03

MEWBOURNE OIL CO

PO BOX 7698

TYLER, TX 75711-0000

NOTICE OF VIOLATION - Inspection

Dear Operator:

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Please notify the proper district office of the Division, in writing, of the date corrective actions are scheduled to be made so that arrangements can be made to reinspect the well and/or facility.

INSPECTION DETAIL SECTION

FEDERAL T 001		A-12-18S-27E		30-015-26404-00-00		
Inspection Date	Type Inspection	Inspector	Violation?	*Significant Non-Compliance?	Corrective Action Due By:	Inspection No.
12/04/2003	Routine/Periodic	Mike Bratcher	Yes	No	3/9/2004	iMLB0333840462
Comments on Inspection: Well sign is illegible and is not standing. Violation Rule 103.						

In the event that a satisfactory response is not received to this letter of direction by the "Corrective Action Due By:" date shown above, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Sincerely,



Artesia OCD District Office

Note: information in Detail Section comes directly from field inspector data entries - not all blanks will contain data.
*Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

9 January 2004

MEWBOURNE OIL CO
PO Box 7698
Tyler TX 75711

RE: Federal T 001 A-12-18s-27e API 30-015-26404 Violation of Rule 103: Well sign violation

Dear Sirs:

This second directive is to notify you that these wells are still in violation of Rule 103

On December 4, 2003 a letter was sent notifying you on the violation of Rule 103. An inspection of the wells on January 6, 2004 found no action had been taken.

Rule 103 of the New Mexico Oil Conservation Division provides as follows:

103 SIGN ON WELLS

All wells and related facilities by the Division shall be identified by a sign, which sign shall remain in place until the well is plugged and abandoned and the related facilities are closed. For drilling wells, the sign shall be posted on the derrick or not more than 20 feet from the well. The sign shall be of durable construction and the lettering shall be legible and large enough to be read under normal conditions at a distance of 50 feet. The wells on each lease or property shall be numbered in non-repetitive, logical and distinctive sequence. An operator will have 90 days from the effective date of an operator name change to change the operator name on the well sign unless an extension of time, for good cause shown along with a schedule for making the changes, is granted. Each sign shall show the:

1. number of well;
2. name of property;
3. name of operator;
4. location by footage, quarter-quarter section, township and range (or Unit Letter can be substituted for the quarter-quarter section), and
5. API number.

In the event that a satisfactory response is not received to this letter of direction by February 6, 2004 further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of **CIVIL PENALTIES** for your violation of OCD rules.

Sincerely,

Mike Bratcher, Compliance Officer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **OCD-ARTESIA**

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NM-42410
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.
Federal T #1
9. API Well No.
30-015-26404
10. Field and Pool, or Exploratory Area
N Illinois Camp Morrow
11. County or Parish, State
Eddy Co NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other
2. Name of Operator
Mewbourne Oil Company 14744
3a. Address
PO Box 5270 Hobbs, NM 88240
3b. Phone No. (include area code)
505-393-5905
4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
660' FNL & 990' FEL, Sec 12-T18S-R27E

RECEIVED
APR 22 2004
OCD-ARTESIA

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other MIT Test
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above caption well was successfully MIT'ed on 01/26/04. (Pressured casing to 570#, held OK for 30 mins)
The pressure chart is enclosed.

Requesting extension of temporary abandon status.
5 1/2" CIBP set @ 6800'. No type of hardware in hole.

TA APPROVED FOR 12 MONTH PERIOD
ENDING 1/26/05

Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

NM Young

Title Hobbs District Manager

Signature

Date 01/27/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

/s/ Joe G. Lara

Name

(Printed/Typed) /s/ Joe G. Lara

Title

Pet. Engr.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

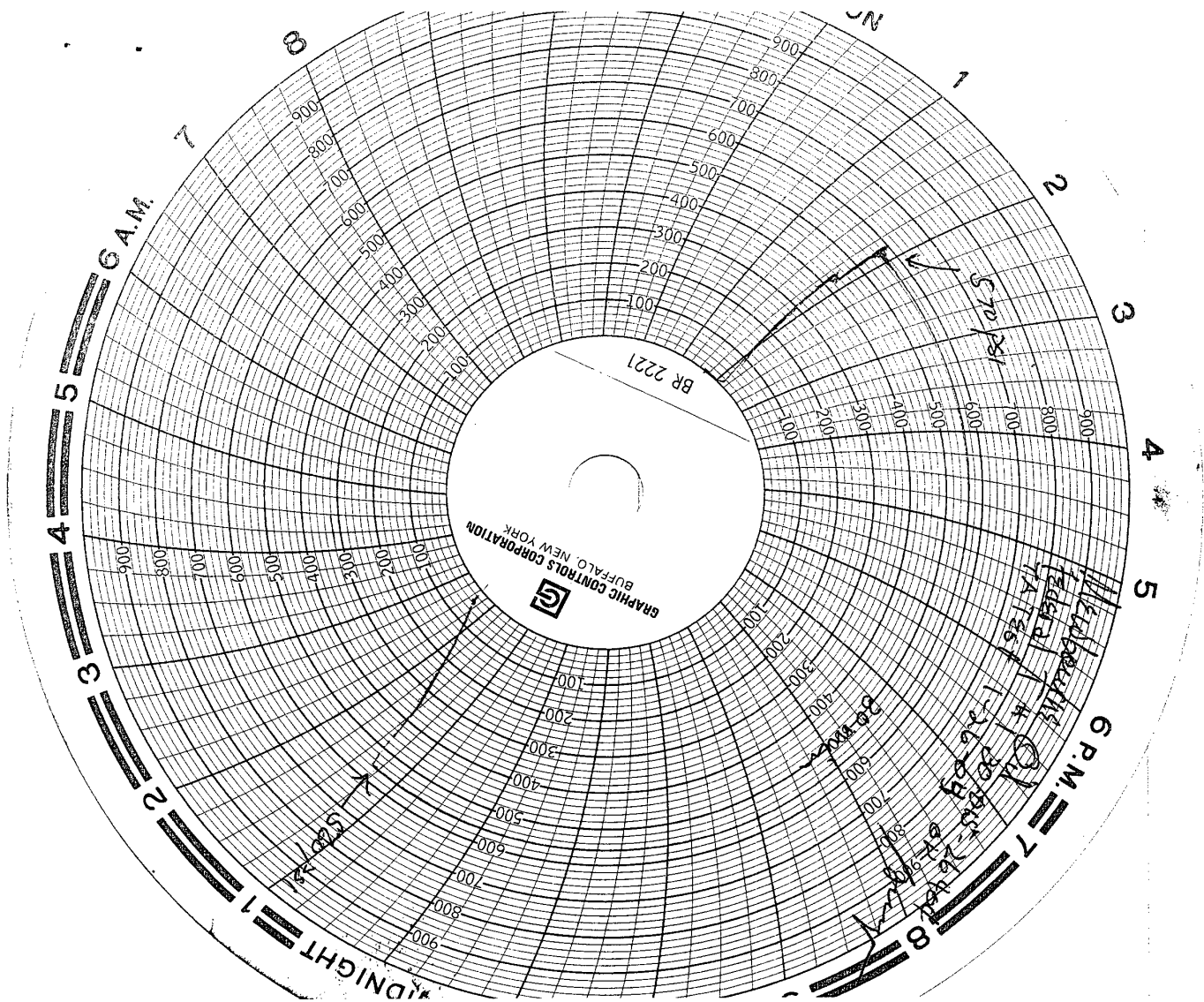
Office CARLSBAD FIELD OFFICE

Date

4/20/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)



RECEIVED

APR 22 2004

000-ARTESIA

C104AReport

Page 1 of 1

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-145
Permit 72521

Change of Operator

Previous Operator Information


OGRID: 14744
Name: MEWBOURNE OIL CO
Address: PO BOX 5270
Address:
City, State, Zip: HOBBS, NM 88241

New Operator Information

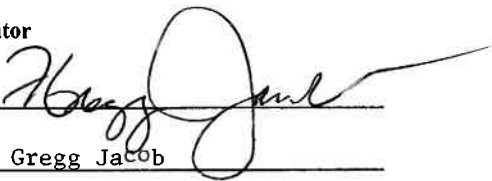
Effective Date: 4/1/2008
OGRID: 6137
Name: DEVON ENERGY PRODUCTION
COMPANY, LP
Address: 20 N Broadway
Address:
City, State, Zip: Oklahoma City, OK 73102

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: 
Printed Name: Monty L. Whetstone
Title: Vice-President Operations
Date: 4/4/08 Phone: (903) 561-2900

New Operator

Signature: 
Printed Name: Gregg Jacob
Title: Western Operations Manager
Date: 4/07/08 Phone: (405) 552-4591

NMOCD Approval

Electronic Signature: Carmen Reno, District 2
Date: April 07, 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APU) for such proposals

SUBMIT IN TRIPLICATE

S

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
FIRE NOVEMBER 30, 2000

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Other _____ **JUL 21 2008**

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address and Telephone No.
20 North Broadway, Oklahoma City, OK 73102 405-552-8198

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
660' FNL & 990' FEL
Section 12 T18S R27E, Unit A

5. Lease Serial No.
NM-42410

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8 Well Name and No.
Federal T 1

9. API Well No.
30-015-26404

10. Field and Pool, or Exploratory
Wolfcamp

12. County or Parish 13. State
Eddy NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Devon Energy Production Company, LP is preparing Form C108, Application for Authorization to Inject that will be filed with the Oil Conservation Division, Santa Fe, New Mexico office. Devon is proposing to convert the Federal T #1 well to SWD in the Lower Wolfcamp and Cisco zones from 7400' to 8200'. The BLM has been sent a copy of C108 application filed with the OCD.

1. RIH and drill out CIBP's at 6,800', 7,078', & 7,265'.
2. Perform injection step rate test in the Lower Wolfcamp.
3. Drill out CIBP at 7,560' and cement retainers at 7,745', 7,780', & 7,820', & 8,000'.
4. Perforate / Reperforate Cisco with casing gun, 0.42" EHD, 2 spf from 7,893'-7,899'; 7,902'-7,907'; 7,910'-7,916'; 7,919'-7,927'; 7,932'-7,959'; 7,965'-7,967'; 7,971'-7,972'; 7,976'-7,978'; 8,034'-8,042'; 8,055'-8,060'; 8160'-8164'.
5. Frac as recommended.
6. RIH with RBP and set at +/- 7,865'.
7. Perforate / Reperforate Cisco with casing gun, 0.42" EHD, 2 spf at 7,758'-7,768'; 7,790'-7,798'; 7,800'-7,818'; 7,832'-7,840'.
8. Frac as per recommended.
9. POOH with RBP and RIH with tubing and packer. Set packer at 7,600'. Perform injection step rate test in Cisco.
10. Tie in disposal line routed from West Red Lake SWD Battery and establish injection.

** Either, return the well to active status by 11-16-08 or submit plans for abandonment.*

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

Signed [Signature] Name Norvella Adams
Title Sr. Staff Engineering Technician

Date 6/21/2008

(This space for Federal or State Office use)

Approved by [Signature] Title [Signature]

Date JUL 16 2008

Conditions of approval, if any:

The BLM Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statement or representation to any matter within its jurisdiction

*See Instruction on Reverse Side

Accepted for record - NMOCD

APPROVED

JUL 16 2008

JAMES A. AMOS
SUPERVISOR EPG

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-26404
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other - Convert to SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		6. State Oil & Gas Lease No.
3. Address of Operator 20 North Broadway, Oklahoma City, OK 73102 405-552-8198		7. Lease Name or Unit Agreement Name Federal T
4. Well Location Unit Letter <u>A</u> : <u>660'</u> feet from the <u>NORTH</u> line and <u>990'</u> feet from the <u>EAST</u> line Section <u>12</u> Township <u>18S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3709' KB; 3697' GL</u>		9. OGRID Number <u>6137</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat <u>L. Wolfcamp and Cisco</u> <u>96136</u>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER <input checked="" type="checkbox"/> Convert to SWD, Admin. Order SWD-1135	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/04/08 RU unit. ND wellhead and NU BOP. TIH with bit and drill collars.
8/05/08 Drill CIBP at 6800' and 7078'.
8/06/08 Drilled through cement at 7525', CIBP at 7300' and cement at 7560' and CIBP at 7595'.
8/07/08 Ran step rate test; pumped 50 bbls at 1/2 bbl/min - 0# psi, pumped 50 bbls at 1 bbl/min - 20# psi, pumped 50 bbls at 2 bbls/min - 75# psi, pumped 50 bbls at 3 bbls/min - 170# psi, pumped 50 bbls at 4 bbls/min - 250 psi.
8/08/08 Trucked in and established injection in the Wolfcamp at 150 BWPD at 170 psi.
8/11/08 Drilled cement retainers at 7745', and 7780'.
8/12/08 Drilled cement retainer at 7820' and 8000'. Circulate hole and TOH with tubing and bit.
8/13/08 Perforate Cisco from 7893' - 8060'; total 140 holes. TIH and set packer at 7688'. Frac with 5,040 gals 15% HCl + 120,372 gals Spectra Star 2500 + 167,552 # 20/40 White sand.
8/14/08 TIH with retrievable tool and latch onto packer. Release packer and TOOHH with packer and tubing. RU wireline and perforate Cisco from 7758'-7840'; 228 total holes.
8/15/08 TIH with packer and set at 7582'. NU frac valve.
8/16/08 Frac 7758'-8060' with 4500 gals 15% Spearhead acid + 119,255 gals Spectra 2500 + 106,750 # 20/40 100% White sand. RD.
8/18/08 Release packer. TOOHH with packer and tubing.
8/20/08 TIH with bailer and bailed sand. Bailed sand to 8460'. TOOHH with tubing. ND BOP and NU flange. Waiting on tubing.
9/15/08 TIH with packer and tubing. Set packer at 6789'. ND BOP and NU tree. Ran MIT test to 500 # for 30 minutes - ok, notified Mike Bratcher with OCD. TOOHH with tubing. RIH with 3 1/2" IPC tubing and set at 6789'. Injection line installation in progress.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Norvella Adams TITLE Sr. Staff Engineering Technician DATE 9/17/08
Type or print name E-mail address: norvella.adams@dmn.com Telephone No. 405-552-8198

For State Use Only

APPROVED BY: _____ TITLE Accepted for record DATE _____
Conditions of Approval (if any): NMOCD

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FEDERAL T #1		Field: NORTH ILLINOIS CAMP MORROW	
Location: 660' FNL & 990' FEL; SEC 12-T18S-R27E		County: EDDY	State: NM
Elevation: 3634' KB; 3618' GL		Spud Date: 6/28/90	Compl Date: 9/13/90
API#: 30-015-26404	Prepared by: Norvella Adams	Date: 9/17/08	Rev:

**Current Schematic
L. Wolfcamp and Cisco SWD**

17-1/2" Hole
13-3/8", 68#, LTC, @ 472'
Cmt'd w/450 Sx. Circ to surface

12-1/4" Hole
8-5/8", J55, 32#, STC, @ 2,589'
Cmt'd w/900 Sx. Circ to surface

WOLFCAMP (8/21/93)
6,868' - 7,038'

WOLFCAMP (8/18/93)
7,092' - 7,097'; 7,120' - 7,146'

WOLFCAMP (8/16/93)
7,330' - 7,340'; 7,350' - 7,360'

SWD Perforations:
CISCO (8/1/93)
7,685' - 7,695'

CISCO (7/30/93)
7,760' - 7,768'

CISCO (7/28/93)
7,790' - 7,798'

CISCO (7/25/93)
7,932' - 7,940'

CISCO (7/22/93)
8,034' - 8,042'
8,055' - 8,060'

4" Liner top @ 9,055'

7-7/8" Hole
5-1/2", N80, 17#, LTC, @ 9,473'
Cmt'd w/430 Sx

MORROW (9/14/90)
10,008' - 10,014'
10,038' - 10,054'

4-3/4" Hole
4" 10.46#, L80 Liner @ 9,055' - 10,141'
Cmt'd w/80 Sx

Formation Tops

Morrow 9,600-10,250'
Atoka 9,230' - 9,700'
Upper Wolfcamp 6,400' - 7,200'
Abo 5,600' - 6,200'
Yeso 3,300' - 3,900'
San Andres 2,000' - 2,800'
Queen 1,450' - 1,650'

3-1/2", 9.3 #, N80, Injection tubing @ 6789'

5-1/2" IPC Packer @ 6,789'

Frac 7758'-7840' with 4500 gals 15% Spearhead acid and 119,255 gals Spectra Star 2500 + 106,750 # 100% 20/40 White sand.

Frac 7893'-8060' with 5040 gals 15% HCl acid and 120,372 gals Spectra Star 2500 + 167,552 # 100% 20/40 White sand.

35' cement. 9,005' PBD
CIBP @ 9,040' (7/21/93)

CIBP @ 9,950' (7/19/93)

10,100' PBD

10,141' TD

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

OCT 07 2008

OCD-ARTESIA

OCT 07 2008

OCD-ARTESIA

Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order SWD-1135
July 16, 2008

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P. FOR
PRODUCED WATER DISPOSAL, EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Devon Energy Production Company, L.P. (OGRID No. 6137) made application to the New Mexico Oil Conservation Division for permission to utilize for produced water disposal its Federal T Well No. 1 (API No. 30-015-26404) located 660 feet from the North line and 990 feet from the East line of Section 12, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Rule 701(B) of the Division Rules. Satisfactory information has been provided that all offset operators and surface owners have been duly notified. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met and no objections have been received within the waiting period prescribed by said rule. The applicant is in compliance with Rule 40.

IT IS THEREFORE ORDERED THAT:

Devon Energy Production Company, L.P. ("operator") is hereby authorized to utilize its Federal T Well No. 1 (API No. 30-015-26404) located 660 feet from the North line and 990 feet from the East line of Section 12, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the Lower Wolfcamp formation and the Cisco formation through perforations from 7,400 feet to 8,200 feet and through plastic-lined tubing set in a packer located within 100 feet of the top of the injection interval.

IT IS FURTHER ORDERED THAT:

Oil Conservation Division * 1220 South St. Francis Drive
* Santa Fe, New Mexico 87505

* Phone: (505) 476-3440 * Fax (505) 476-3462* <http://www.emnrd.state.nm.us>



The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

After installing injection tubing, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved *leak detection device* in order to determine leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a *pressure limiting device* in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well. The wellhead injection pressure on the well shall be limited to **no more than 1480 psi**.

The Director of the Division may authorize an increase in the maximum injection pressure upon a proper showing by the operator that such higher pressure would not result in migration of the injected fluid from the injection formation. Such proper showing should be supported by a valid step rate test run in accordance with procedures acceptable to the Division.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, or without notice and hearing in event of an emergency subject to NMSA 1978 Section 70-2-23, terminate the injection authority granted herein.


The operator shall provide written notice of the date of commencement of injection and the initial reservoir pressure to the Artesia district office of the Division.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 706 and 1120.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator

mailed prior to the expiration date, may grant an extension thereof for good cause shown.

This order does not relieve the operator of responsibility should its operations cause any actual damage or threat of damage to protectable fresh water, human health or the environment; nor does it relieve the operator of responsibility for complying with applicable Division rules or other state, federal, or local laws or regulations.


MARK E. FESMIRE, P.E.
Director

MEF/wvjj

cc: Oil Conservation Division – Artesia
Bureau of Land Management – Carlsbad

SEP 19 2008

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 District I
 1625 N French Dr., Hobbs, NM 88240
 District II
 1301 W Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd, Aztec, NM 87410
 District IV
 1220 S St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

OCD-ARTESIA

Form C-105
 Revised June 10, 2003

S

Well API No. **30-015-26404**
 5. Indicate Type of Lease
☐ STATE ☐ FEE
 State Oil & gas Lease No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well
☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other Convert to SWD; Admin Order SWD-1135
 b Type of Completion
☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr., ☐ Other
 2 Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP
 3 Address of Operator
20 North Broadway, Oklahoma City, OK 73102
 4 Well Location
 Unit Letter **A** **660'** feet from the **NORTH** line and **990'** feet from the **EAST** line
 Section **12** Township **18S** Range **27E** NMPM County **Eddy**
 10. Date Spudded **6/28/1990** 11. Date T D Reached **8/25/1990** 12 Date Completed **Orig 9/13/90 SWD 9/15/08** 13 Elevations (DR, RKB, RT, GL)* **3634' KB; 3618' GL** 14 Elev Casinghead
 15. Total Depth MD **10,141** 16 Plug Back T.D **9005'** 17 If Multiple Compl How Many **No** 18. Intervals **Drilled BY** **X** Rotary Tools Cable Tools
 19 Producing Intervals(s), of this completion - Top, Bottom, Name
L. Wolfcamp; 6,868' - 7,360' and Cisco; 7,758' - 8,060' (Salt Water Disposal Only)
 20 Was Directional Survey Made **No**
 21. Type Electric and Other Logs Run
DLL-MGRD, SDL-DSN (original logs)
 22 Was Well Cored **No**

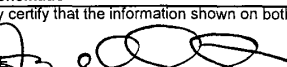
23 CASING RECORD (Report all strings set in well)					
Casing Size	Weight LB /FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled
13-3/8"	68#	472'	17-1/2"	450 sx	
8-5/8"	32#	2589'	12 1/4"	900 sx	
5-1/2"	17#	9473'	7-7/8"	430 sx	

24 Liner Record			25 Tubing Record		
Size	top	Bottom	Size	Depth Set	Packer Set
4"	9055'	10141'	3-1/2" (IPC)	6789'	6789'

26 Perforation record (interval, size, and number)		27. Acid, Shot, Fracture, Cement, Squeeze, ETC.	
Interval	Size	Depth Interval	Amount and Kind Material Used
Wolfcamp; 6868'-7038' (8/21/93) Wolfcamp; 7092'-7097'; 7120'-7146' (8/18/93) Wolfcamp; 7330'-7340'; 7350'-7360' (8/16/93) Cisco; 7893'-8060'; (140 holes) Cisco; 7758'-7840'; (228 holes) Morrow; 10008'-10054'; (still under CIBP)		7893'-8060'	Frac--5040 gals 15% HCl acid and 120,372 gals Spectra Star 2500 + 167,552 # 100% White 20/40 Sand.
		7758'-7840'	Frac--4500 gals 15% Spearhead acid and 119,255 gals Spectra Star 2500 + 106,750 # 100% White 20/40 Sand.

28 PRODUCTION
 Date First Production **NA** Production Method (Flowing, Gas lift, pumping - Size and type pump)
 Well Status (Prod Or Shut-In) **9/16/08-Converted to SWD**
 Date of Test **24** Hours Tested **24** Choke Size **24** Prod'n For Test **Period** Oil - BbL **Gas - MCF** Water - Bbl **Gas - Oil Ratio**
 Flowing Tubing Press **24** Casing Pressure **24** Calculated 24-Hour Rate **24** Oil - Bbl **Gas - MCF** Water - Bbl **Oil Gravity - API (Corr)**
 29. Disposition of Gas (Sold, used for fuel, vented, etc) **NA--Converted to SWD 9/16/08** Test Witnessed By

30. List Attachments
Wellbore schematic
 31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

SIGNATURE  Printed Name **Norvella Adams** Title **Sr Staff Engineering Technician** DATE **9/17/2008**
 E-mail Address. **norvella.adams@dv.n.com**

Accepted for record
 NMOCD

This Form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem test. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATIONS TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

New Mexico		Northwestern New Mexico		Eastern New Mexico	
Yates	476'	T. Canyon		T. Ojo Alamo	T. Penn "B"
Queen	1218'	T. Strawn		T. Kirtland-Fruitland	T. Penn "C"
Grayburg	1572'	T. Atoka		T. Pictured Cliffs	T. Penn "D"
San Andres	2072'	T. Miss		T. Cliff House	T. Leadville
Tubb	4824'	T. Devonian		T. Menefee	T. Madison
Abo	6016'	T. Silurian		T. Point Lookout	T. Elbert
Wolfcamp	7682'	T. Montoya		T. Manços	T. McCracken
Cisco	8912'	T. Simpson		T. Gallup	T. Ignacio Otzle
Strawn	9513'	T. McKee		Base Greenhorn	T. Granite
Atoka	9628'	T. Ellenburger		T. Dakota	
Morrow	9828'	T. Gr. Wash		T. Morrison	
Morrow Clastics	9965'	T. Delaware Sand		T. Todilto	
Lower Morrow	10104'	T. Bone Springs		T. Entrada	
Barnett				T. Wingate	
T. Wolfcamp				T. Chinle	
T. Penn				T. Permian	
T. Cisco (Bough C)				T. Penn "A"	

OIL OR GAS
SANDS OR ZONES

No. 1, from to No 3, from to
No 2, from to No 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole

No. 1, from	to	feet
No. 2, from	to	feet
No. 3, from	to	feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

END OF RECORD (attach additional sheets if necessary)						
From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCT 06 2008
OCD-ARTESIAFORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other SWD- Order 1135		5. Lease Serial No NM-42410							
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		7. Unit or CA Agreement Name and No							
3. Address 20 North Broadway Oklahoma City, OK 73102-8260		8. Lease Name and Well No Federal T 1							
3a. Phone No (include area code) 405-552-8198		9. API Well No. 30-015-26404 0052							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 660 FNL 990 FEL At top prod Interval reported below At total Depth		10. Field and Pool, or Exploratory L. Wolfcamp and Cisco 96136							
		11. Sec, T, R, M, on Block and Survey or Area 12 18S 27E							
		12. County or Parish Eddy							
		13. State NM							
14. Date Spudded 6/28/1990	15. Date T D Reached 8/25/1990	16. Date Completed 9/15/08 - SWD 9/13/90 orig compl <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.							
17. Elevations (DR, RKB, RT, GL)* 3634' KB; 3618' GL									
18. Total Depth: MD TVD 7600'	19. Plug Back T D MD 6142' TVI	20. Depth Bridge Plug Set: MD 6177' TVI							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL-MGRD, SDL_DSN (original logs)		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"/LT&C	68		472'		450 Sx		Surf	
12 1/4"	8-5/8"/J55	32		2589'		900 Sx		Surf	
7-7/8"	5-1/2"/LT&C	17		9473'		430 Sx		Surf	
4 3/4"	4" / L80	10.46		10,141'		80 Sx		9055'	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
3 1/2" IPC	6789'	6789'							
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record						
			Perforated Interval	Size	No. Holes	Perf Status			
Wolfcamp	6868'	7360'	6868'-7360'		140	Open for SWD			
Cisco	7893'	7840'	7893'-7840'		228	Open for SWD			
Morrow	10,008'	10,054'	10,008-10,054'			Abandoned			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
7893-8060'	Frac - 5040 gals 15% HCl acid and 120,372 gals Spectra Star 2500 + 167,552 # 100% White 20/40 sand.								
7758-7840'	Frac - 4500 gals 15% Spearhead acid and 119,255 gals Spectra Star 2500 + 106,750 # 100% White 20/40 sand.								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
NA		24	→						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas - Oil Ratio	Well Status	
			→				#DIV/0!		
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
DAVID R. GLASS PETROLEUM ENGINEER									

ACCEPTED FOR RECORD

/S/ DAVID R. GLASS

SEP 29 2008

Choke Size	Ibg. Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
------------	--------------------	-----------	------------	---------	---------	-----------	-----------------	-------------

(See instructions and spaces for additional data on reverse side)

28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Ibg. Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Ibg. Press. Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)

29. Disposition of Gas (Sold, used for fuel, vented, etc)

30 Summary of Porous Zones (Include Aquifers).

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.

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
				Yates	476'
				Queen	1218'
				Grayburg	1572'
				San Andres	2072'
				Tubb	4824'
				Abo	6016'
				Wolfcamp	7682'
				Cisco	8912'
				Strawn	9513'
				Atoka	9628'
				Morrow	9828'
				Morrow Clastics	9965'
				Lower Morrow	10104'

32. Additional remarks (include plugging procedure).

33 Indicate which items have been attached by placing a check in the appropriate box

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other
 ☐ Wellbore Schematic

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (Please print) Novella Adams Title Sr. Staff Engineering Technician

Signature [Signature] Date 9/17/2008

Title 18 U.S.C. Section 1001 and Title 49 U.S.C. Section 1212; make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE - Other instructions on page 2

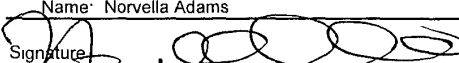
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD conversion. Admin Order SWD-1135		5. Lease Serial No NM-42410
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		6. If Indian, Allottee or Tribe Name
3a. Address 20 North Broadway, Oklahoma City, OK 73102		7. Unit or CA Agreement Name and No.
3b. Phone No. (include area code) 405-552-8198		8. Well Name and No Federal T 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL 990 FEL A 12 18S 27E		9. API Well No 30-015-26404
		10. Field and Pool, or Exploratory Area L.Wolfcamp and Cisco
		11. County or Parish, State Eddy NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Converted to SWD. Administrative Order SWD-1135
8/04/08 RU unit. ND wellhead and NU BOP. TIH with bit and drill collars.
8/05/08 Drill CIBP at 6800' and 7078'.
8/06/08 Drilled through cement at 7525', CIBP at 7300' and cement at 7560' and CIBP at 7595'.
8/07/08 Ran step rate test; pumped 50 bbls at 1/2 bbl/min - 0# psi, pumped 50 bbls at 1 bbl/min -20# psi, pumped 50 bbls at 2 bbls/min - 75# psi, pumped 50 bbls at 3 bbls/min - 170# psi, pumped 50 bbls at 4 bbls/min - 250 psi.
8/08/08 Trucked in and established injection in the Wolfcamp at 150 BWPD at 170 psi.
8/11/08 Drilled cement retainers at 7745', and 7780'.
8/12/08 Drilled cement retainer at 7820' and 8000'. Circulate hole and TOH with tubing and bit.
8/13/08 Perforate Cisco from 7893' - 8060', total 140 holes. TIH and set packer at 7688'. Frac with 5,040 gals 15% HCl + 120,372 gals Spectra Star 2500 + 167,552 # 20/40 White sand.
8/14/08 TIH with retrievable tool and latch onto packer. Release packer and TOOH with packer and tubing. RU wireline and perforate Cisco from 7758'-7840'; 228 total holes
8/15/08 TIH with packer and set at 7582'. NU frac valve.
8/16/08 Frac 7758'-8060' with 4500 gals 15% Spearhead acid + 119,255 gals Spectra 2500 + 106,750 # 20/40 100% White sand. RD.
8/18/08 Release packer. TOOH with packer and tubing
8/20/08 TIH with bailer and bailed sand. Bailed sand to 8460'. TOOH with tubing. ND BOP and NU flange. Waiting on tubing.
9/15/08 TIH with packer and tubing. Set packer at 6789'. ND BOP and NU tree. Ran MIT test to 500 # for 30 minutes - ok, notified Mike Bratcher with OCD
TOOH with tubing. RIH with 3 1/2" IPC tubing and set at 6789'. Injection line installation in progress.

14. I hereby certify that the foregoing is true and correct Name: Norvella Adams	Title: Sr. Staff Engineering Technician
Signature: 	Date: 9/17/2008

ACCEPTED FOR RECORD THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: /S/ DAVID R. GLASS	Date: SEP 29 2008
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office: Accepted for record NMOC

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FEDERAL T #1		Field: NORTH ILLINOIS CAMP MORROW	
Location: 660' FNL & 990' FEL; SEC 12-T18S-R27E		County: EDDY	State: NM
Elevation: 3634' KB; 3618' GL		Spud Date: 6/28/90	Compl Date: 9/13/90
API#: 30-015-26404	Prepared by: Norvella Adams	Date: 9/17/08	Rev:

**Current Schematic
L. Wolfcamp and Cisco SWD**

17-1/2" Hole
13-3/8", 68#, LTC, @ 472'
Cmt'd w/450 Sx. Circ to surface

12-1/4" Hole
8-5/8", J55, 32#, STC, @ 2,589'
Cmt'd w/900 Sx. Circ to surface

WOLFCAMP (8/21/93)
6,868' - 7,038'

WOLFCAMP (8/18/93)
7,092' - 7,097'; 7,120' - 7,146'

WOLFCAMP (8/16/93)
7,330' - 7,340'; 7,350' - 7,360'

SWD Perforations:
CISCO (8/1/93)
7,685' - 7,695'

CISCO (7/30/93)
7,760' - 7,768'

CISCO (7/28/93)
7,790' - 7,798'

CISCO (7/25/93)
7,932' - 7,940'

CISCO (7/22/93)
8,034' - 8,042'
8,055' - 8,060'

4" Liner top @ 9,055'

7-7/8" Hole
5-1/2", N80, 17#, LTC, @ 9,473'
Cmt'd w/430 Sx

MORROW (9/14/90)
10,008' - 10,014'
10,038' - 10,054'

4-3/4" Hole
4" 10.46#, L80 Liner @ 9,055' - 10,141'
Cmt'd w/80 Sx

Formation Tops

Morrow 9,600'-10,250'
Atoka 9,230' - 9,700'
Upper Wolfcamp 6,400' - 7,200'
Abo 5,600' - 6,200'
Yeso 3,300' - 3,900'
San Andres 2,000' - 2,800'
Queen 1,450' - 1,650'

3-1/2", 9.3 #, N80, Injection tubing @ 6789'

5-1/2" IPC Packer @ 6,789'

Frac 7758'-7840' with 4500 gals 15% Spearhead acid and 119,255 gals Spectra Star 2500 + 106,750 # 100% 20/40 White sand.

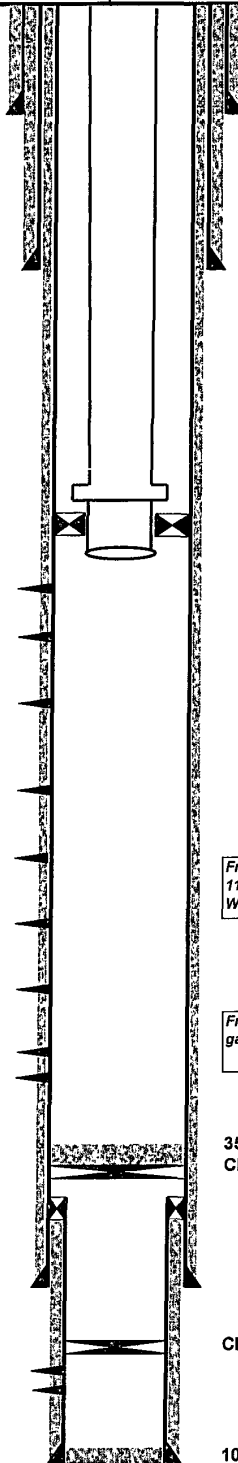
Frac 7893'-8060' with 5040 gals 15% HCl acid and 120,372 gals Spectra Star 2500 + 167,552 # 100% 20/40 White sand.

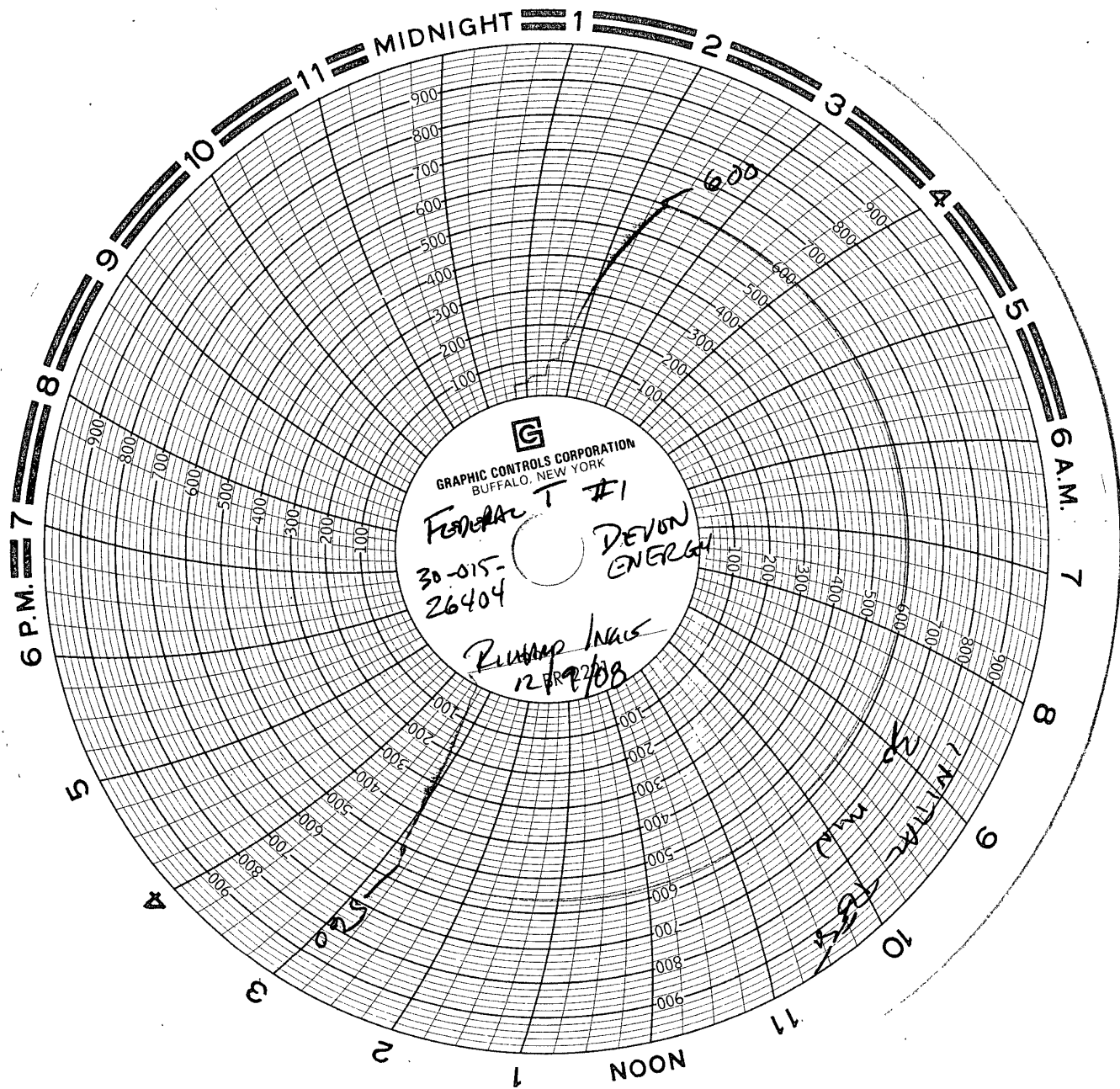
35' cement. 9,005' PBD
CIBP @ 9,040' (7/21/93)

CIBP @ 9,950' (7/19/93)

10,100' PBD

10,141' TD





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

FEDERAL T #1
30-015-
26404

DEVON
ENERGY

Runway Inlets
12/17/08

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

State of New Mexico
Energy, Minerals and Natural
Resources

Form C-145
Permit 124456

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Change of Operator

Previous Operator Information

OGRID: 6137
Name: DEVON ENERGY PRODUCTION COMPANY, LP
Address: 20 N Broadway
City, State, Zip: Oklahoma City, OK 73102

New Operator Information

Effective Date: Effective on the date of approval by the OCD
OGRID: 277558
Name: LIME ROCK RESOURCES II-A, L.P.
Address: 1111 Bagby Street
Suite 4600
City, State, Zip: Houston, TX 77002

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, LIME ROCK RESOURCES II-A, L.P. certifies that it has read and understands the following synopsis of applicable rules.

Previous Operator

Signature: [Signature]
Printed Name: David S. Frank
Title: David S. Frank - Attorney-in-Fact
Date: 12/09/2010 Phone: (405)-552-7881

New Operator

Signature: [Signature]
Printed Name: C. Tim Miller
Title: Chief Operating Officer
Date: 12/17/10 Phone: 713 292 9514

NMOCD Approval

Lime Rock Resources II-A, L.P. assumes operations of the District 2 list effective 12/09/2010.
Electronic Signature: Randy Dade
Date: December 27, 2010

LIME ROCK RESOURCES II-A, L.P. certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells are in compliance with 19.15.17 NMAC, have been closed pursuant to 19.15.17.13 NMAC, or have been retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.

LIME ROCK RESOURCES II-A, L.P. understands that the OCD's approval of this operator change:

1. constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells; and
2. constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, LIME ROCK RESOURCES II-A, L.P. agrees to the following statements:

1. I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See 19.15.9.9.B NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See 19.15.9.9.C(2) NMAC.
3. I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See 19.15.7.24.C NMAC.
4. I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed on approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance, even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See 19.15.8.9.C NMAC. I understand that I can check my compliance with the single-well financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. I am responsible for reporting releases as defined by 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record.
7. I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits. See 19.15.26.8 NMAC.
8. For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See

- 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.
9. I am responsible for providing the OCD with my current address of record and emergency contact information, and I am responsible for updating that information when it changes. See 19.15.9.8.C NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."
 10. If I transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See 19.15.9.9.B NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.

SUBSURFACE

NAVAJO REFINING COMPANY

Map ID No. 11

Artificial Penetration Review

OPERATOR Navajo Refining Co.

LEASE WDW

WELL NUMBER 2

DRILLED 5-05-99

PLUGGED NA

STATUS Active Injection

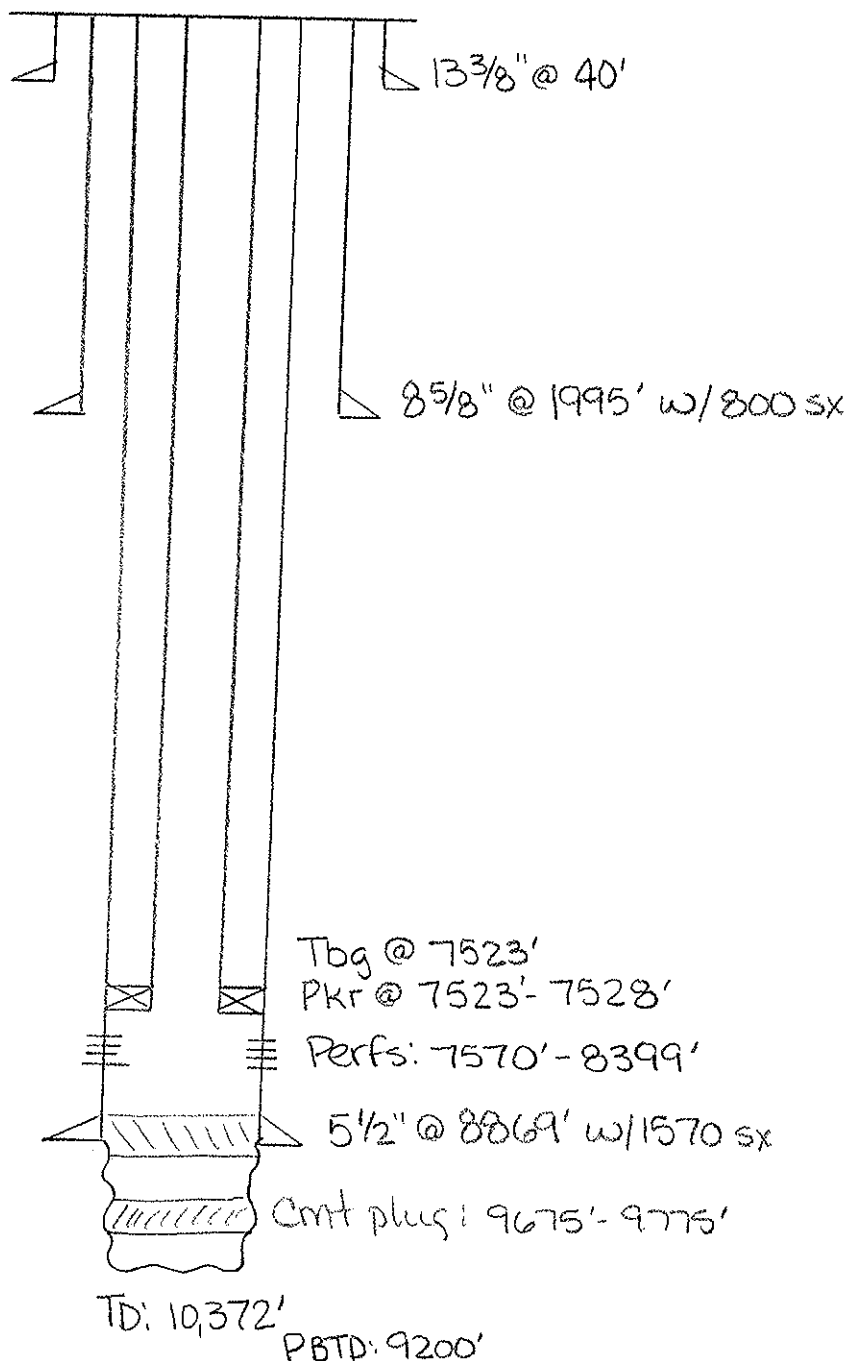
LOCATION Sec. 12 -T18S-R27E

MUD FILLED BOREHOLE NA

TOP OF INJECTION ZONE 7270'

API NO. 30-015-20894

REMARKS: Top of Cement behind 5 1/2" @ surface



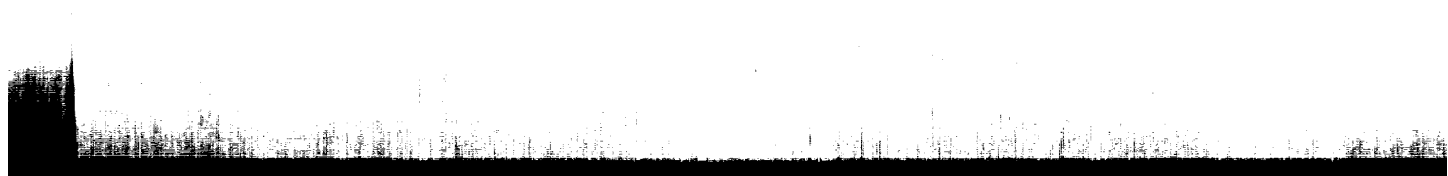
50-015-2089

DAVID 15694

PROP 23592

POOL 96918

Navajo (Injecting) Permo-Penn





Oxford

STOCK No. 773½

STOCK NO. 17513

MADE IN U. S. A.

9-26-85

COMPENSATED Neutron
GAMMA RAY

SURF-1768

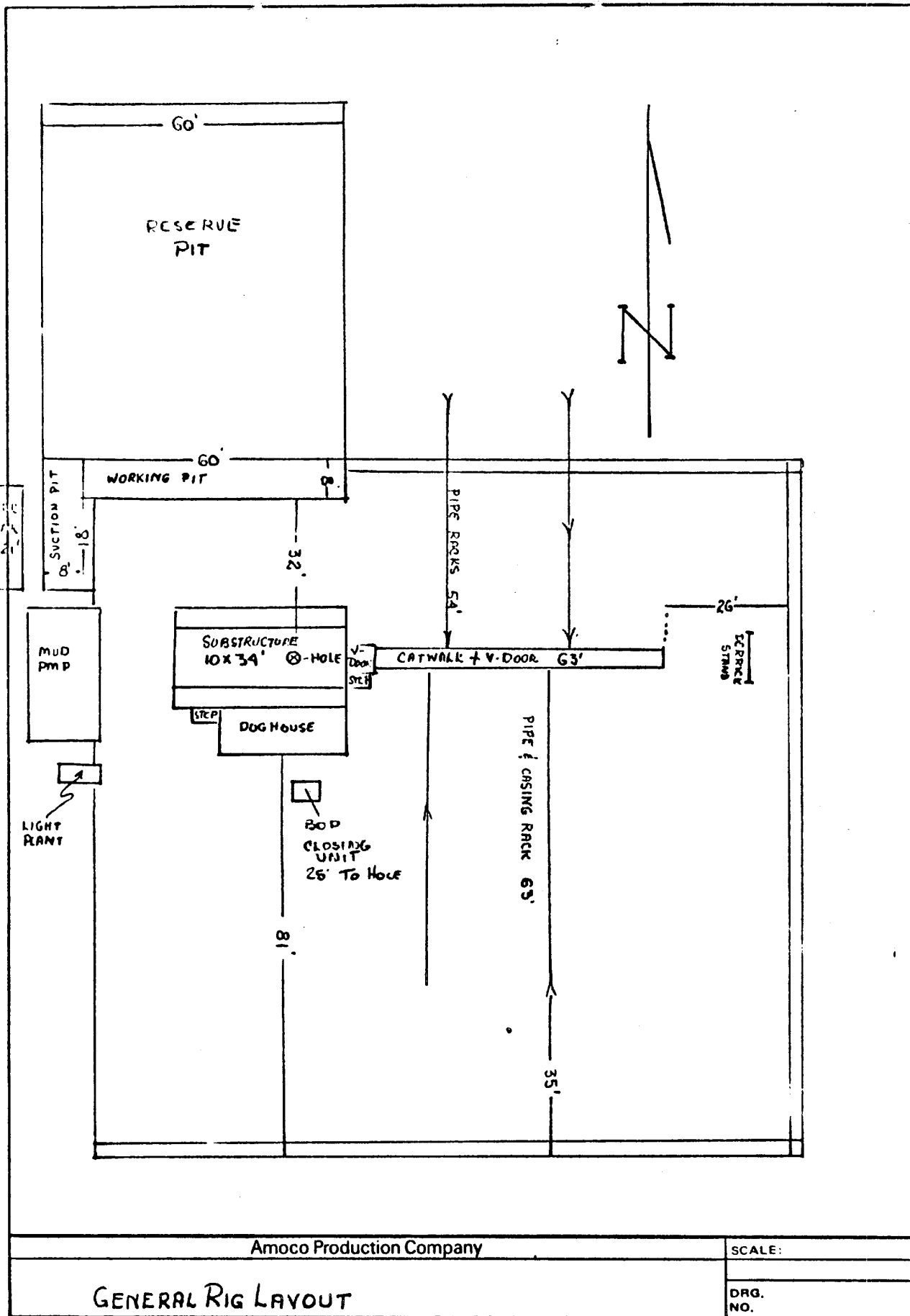
5-13-99

MSG GAMMA COLLAR
CBL LOG

SURF-1910'

8127

WATER
TANK
12' X 21'



Amoco Production Company

SCALE:

GENERAL RIG LAYOUT

DRG.
NO.

1. Existing Wells - This Plat
2. Planned Access Roads - This plat
3. Location of Wells - This Plat
4. Lateral Roads to well Location - This Plat
5. Location of Tank Battery & Flow Lines - To be at well loc.
6. Location & Types of Water - To be trucked
7. Methods for Handling Waste Disposal - In suitable containers and pits on location.
8. Camps - None
9. Air Strips - None
10. Pig layout - See Attached
11. Make location cleanup in accordance with good operating practice and if P&A clean & level location around well.
12. None
13. There are no houses, buildings, and windmills within 1/4 mile of the location

NM 9 MI

POWER STATION

ST H'WAY

8

1.7

2.2

TRIGG-1



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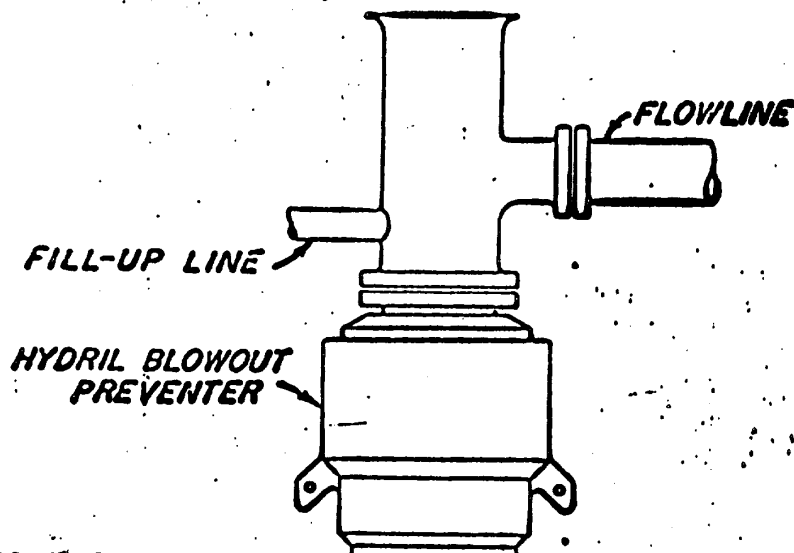
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BLOWOUT PREVENTER HOOK-UP FOR DRILLING BELOW INTERMEDIATE CASING

1. BLOWOUT PREVENTERS AND MASTER VALVE TO BE FLUID OPERATED AND ALL FITTINGS MUST BE IN GOOD CONDITION (MINIMUM: WP - 3000 PSI, TEST - 6000 PSI).
2. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS THE INSIDE DIAMETER OF CASING THAT IS BEING DRILLED THROUGH.
3. KELLY COCK REQUIRED (MINIMUM: 3000 PSI WP, 6000 PSI TEST)
4. OMSCO OR COMPARABLE SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUB. (MINIMUM: 3000 PSI WP, 6000 PSI TEST)



BLOWOUT PREVENTER

WELL LOCATION AND ACREAGE DEDICATION

AMOCO PRODUCTION COMPANY

DIAMOND *Federal Gas Com*

1

12 18 SOUTH

27 EAST

EDDY

1930

NORTH

660

WEST

36°6.9'

MORROW

SCOGGIN DRAW MORROW (FCA)

320

1. Define the acreage dedicated to the subject well by a closed pencil or hatchure marks on the plat below.

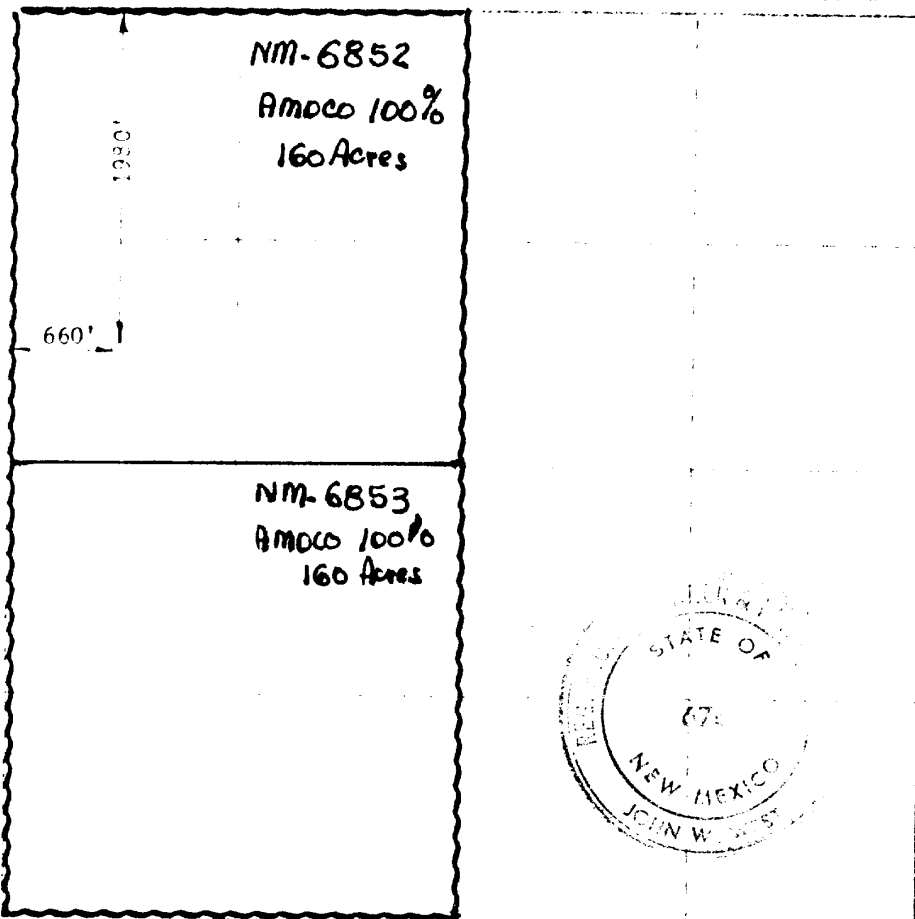
2. If there are two or more interests dedicated to the well, outline each and identify the ownership thereof. (If there are more than one interest, so be noted.)

3. If there are two or more different ownerships dedicated to the well, have the interests of all owners been consolidated? If not, how? (Consolidation, unitization, lease pooling, etc.)

Answer: Yes. If answer is "Yes," type of consolidation.

4. List the owners and tract descriptions which have actually been consolidated. (List each owner's name, address, and acreage.)

5. How long will be required to the well until all interests have been consolidated? (If consolidation is not completed, the well will be drilled until a non-standard well eliminating such interests has been approved by the Board of Mineral Rights.)



DATE: _____

I hereby certify that the above is a true and correct copy of the original record as filed in the public records of the State of New Mexico.

J. E. York
AREA ENGINEER

Amoco Production Company

JUN 21 1973

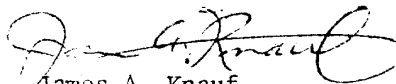
I hereby certify that the above is a true and correct copy of the original record as filed in the public records of the State of New Mexico.

JUNE 20, 1973

John W. West

drilling into the Wolfcamp formation
and used until production casing is run and cemented. Monitoring
equipment shall consist of the following:

- (1) A recording pit level indicator to determine pit volume gains and losses.
 - (2) A mud volume measuring device for accurately determining mud volume necessary to fill the hole on trips.
 - (3) A flow sensor on the flow-line to warn of any abnormal mud returns from the well.
6. When coming out of the hole with drill pipe, the annulus shall be filled with mud before the mud level drops below 150 feet. The volume of mud required to fill the hole shall be watched, and any time there is an indication of swabbing, or influx of formation fluids, proper blowout prevention precautions must be taken. The mud shall not be circulated and conditioned except on or near bottom, unless well conditions prevent running the pipe to bottom.
7. A copy of these requirements shall be posted on the rig floor or in the dog house during the drilling of the well.


James A. Knauf
District Engineer

Lease No. NM-6852
Well Amoco Production Co. 1-Diamond Federal Gas Com.
Drillsite 1980/N 660/W 12-18S-27E
Depth 10,000' Morrow
Approved July 6, 1973



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

June 22, 1973

NOTICE

DRILLING WELL CONTROL REQUIREMENTS FOR DEEP WELLS DRILLED ON FEDERAL OIL AND GAS LEASES IN THE ARTESIA DISTRICT

The following requirements are established in accordance with 30 CFR 221.24, 221.36, and 221.37. Blowout preventer equipment, choke equipment, drilling fluid characteristics, drilling fluid monitors, and the conduct of drilling procedures shall be such as are necessary to prevent the blowout of any well. In addition to all other applicable rules, regulations, and accepted good operating practices, drilling shall be in accordance with the following safety requirements:

1. After setting the 8-5/8 inch casing string and before drilling into the Wolfcamp formation, the blowout preventers and related control equipment shall be pressure tested to rated working pressures by an independent service company. Any equipment failing to test satisfactorily shall be repaired or replaced. This office should be notified in sufficient time for a representative to witness the tests and shall be furnished a copy of the pressure test report. In addition, the pipe rams and bag-type preventer shall be actuated at least once each 24 hours and the blind rams each time the drill pipe is out of the hole.
2. Accumulators shall maintain a pressure capacity reserve at all times to provide for repeated operation of hydraulic preventers.
3. A drill string safety valve in the open position shall be maintained on the rig floor at all times while drilling operations are being conducted.
4. Blowout prevention drills shall be conducted as necessary to insure that each drilling crew is properly trained to carry out emergency duties.
5. Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be installed and operating before

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ☐

2. NAME OF OPERATOR
Amoco Production Company

3. ADDRESS OF OPERATOR
BOX 68, HOBBS, N. M. 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1980' FNLy 660' FNL Sec. 12 (Unit E, SE 1/4 NW 1/4)

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

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

12. ELEVATIONS (Show whether DF, RT, GR, etc.)
3607' GL

13. NO. OF ACRES IN LEASE
320

14. NO. OF ACRES ASSIGNED TO THIS WELL
320

15. ROTARY OR CABLE TOOLS
Rotary

16. APPROX. DATE WORK WILL START*
7-1-73

30-015-20894

5. LEASE DESIGNATION AND SERIAL NO.
NM-6852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
DIAMOND FEDERAL GAS CO

8. FARM OR LEASE NAME

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
SCOGGIN DRAW-MORROW

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
12-18-27 NMPM

12. COUNTY OR PARISH
EDDY

13. STATE
N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	32.24"	1000'	Arc.
7 7/8"	4 1/2"	9.5-11.6"	10000'	SUFFICIENT TO FILL 500' ABOVE UPPERMOST PAY.

After drilling well logs will be run and evaluations made, perforating and/or stimulating as necessary in attempting commercial production.

BOP program attached.

Mud Program:

0-1000' Water mud & water
1000-5000' min. quality low solids gel for satisfactory operations & samples.
9000-10000'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. E. York TITLE AREA ENGINEER DATE JUN 21 1973

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 6 1973

APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE JUL 6 1973

CONDITIONS OF APPROVAL, IF ANY

On 5. USGS-Permit Subject to attached "Notice" dated 6-22-73
1- DIV
1- SVSP
1- RRY
1- ARCO
See Instructions On Reverse Side

Copy to SF

RECEIVED

JUL 10 1973

P. O. Drawer U
Artesia, New Mexico 88210

O. C. C.
ARTESIA, OFFICE

July 9, 1973

Mr. Jim York
Amoco Production Company
Post Office Box 68
Hobbs, New Mexico 88240

Dear Mr. York:

This is to confirm my telephone conversation with you today whereby we requested that the 8-5/8-inch casing string be set in the top of the San Andres formation (approximately 2,000 feet below the surface) in your No. 1 Diamond Federal Gas Com. well on lease MM-6852 in the SW 1/4 sec. 12, T. 18 S., R. 27 E., N.M.P.M., Eddy County, New Mexico.

Sincerely yours,

(Sgd.) JAMES A. KNAUF

James A. Knauf
District Engineer

cc:
Roswell
N.M.O.C.C. (2) ✓

RECEIVED

JUL 10 1973

O. C. C.
ARTESIA, OFFICE

Q. Now, you're not
 sure that's the only
 way to do it?

A. I'm not sure that's the only way to do it.

Q. Now, you're not
 sure that's the only way to do it?

A. Yes.

Q. Now, you're not sure that's the only way to do it?

A. I'm not sure that's the only way to do it.

Q. Now, you're not sure that's the only way to do it?

Q. Now, you're not sure that's the only way to do it?

A. I'm not sure that's the only way to do it.

N. M. O. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy 451-
F. G. I. D. No. 42 R1424
5. LEASE NO. AT SERIAL NO.
NM 6852
6. IF INDIAN AGENCY, TRIBAL NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. NAME OF WELL: GAS WELL ☐ OTHER ☒ **DRILLING**

2. NAME OF OPERATOR: **Amoco Production Company**

3. ADDRESS OF OPERATOR: **BOX 68, HOBBS, N. M. 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: **1980' FNL x 660' FWL SEC. 12 (UNIT E, SE 1/4 NW 1/4)**

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
3607' GL 3623' R.D.B.

7. UNIT AGREEMENT NAME: **DIAMOND FED. GAS CLM**

8. FARM OR LEASE NAME: _____

9. WELL NO. **1**

10. FIELD AND POOL, OR WILDCAT: **SCOGGIN DRAW-NORROW**

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA: **12-18-27 NMPM**

12. COUNTY OR PARISH: **EDDY**

13. STATE: **N.M.**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Spudding <input checked="" type="checkbox"/>	

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.)

*Delta Drilling Co. spudded 11" hole 3: PM 7-18-73.
On 7-22-73, 8 7/8" OD 32" BK K-55 Casing was set
@ 1955 w/ 7005x Incon 2% Gel + 100 psi meat. Circ. 200 Sx.
After WOT 18 hours, tested casing w/ 500 psi for 30 min.
Test O.K.
Reduced hole to 7 7/8" @ 1955 and resumed drilling.*

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ARTESIA, NEW MEXICO

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

SIGNED: *[Signature]* TITLE: **ADMINISTRATIVE ASSISTANT** DATE: **JUL 23 1973**

(This space for Federal or State office use)

APPROVED: _____ TITLE: _____ DATE: _____

CONDITION OF APPROVAL, IF ANY:

OK 4-11SGS-ABT
1- DIV
1- SUSP
1- RRV
1- ARCO

APPROVED
JUL 24 1973
H. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

RECEIVED

AUG 1 1973

Drawer 1857
Roswell, New Mexico 88201

O. D. C.
ARTESIA, NEW MEXICO

July 24, 1973

Amoco Production Company
Attention: Mr. Joe W. Durkee
P. O. Box 3092
Houston, Texas 77001

Gentlemen:

Enclosed are three approved copies of communitization agreement No. Com. Agr.-SW-760 involving 320 acres of land in Federal leases New Mexico 6852 and 6853, Eddy County, New Mexico.

The agreement communitizes all rights as to dry gas and associated liquid hydrocarbons producible from the Morrow formation in the W $\frac{1}{4}$ sec. 12, T. 18 S., R. 27 E., N.M.P.M., and is effective as of June 20, 1973.

You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely yours, .

CARL C. TRAYWICK
Acting Area Oil and Gas Supervisor

cc:
BLM, Santa Fe (w/cy agr.)
Artesia (w/cy agr.)
Rondeau

JMonro:lb

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JUL 26 1973

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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.), formations, 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 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.)

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-683636

N. M. D. C. C. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Bureau No. 12-10121
5. LEASE DESIGNATION (If SERIAL NO.)
NM-6602
6. IF INDIAN, ALLOTMENT NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)

1. NAME OF OPERATOR
AS WELL ☐ OTHER ☒ **DRILLING- DRY HOLE**
Amoco Production Company ✓ **RECEIVED**

2. ADDRESS OF OPERATOR
BOX 68, HOBBS, N. M. 88240 **SEP 12 1973**

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
D. C. C. ARTESIA, OFFICE
1980 FNLx 660 FWL Sec. 12 (Unit E, SE 1/4 NW 1/4)

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)
3623 R.D.B.

7. UNIT AND LAND
DIAMOND FEDERAL CO. M

9. WELL NO.

10. FIELD AND POOL OR FIELD CAT
SCOGGIN DRAIN MURROW
11. SEC., T., R., M., QUAD, AND SURVEY OR AREA
12-18-22 NMPM

12. COUNTY OR PARISH 13. STATE
EDDY N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☒
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐
REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

Drilled to a TD of 10,372' without encountering oil or gas. Logs and evaluations confirmed Dry Hole.

* Propose to P+ A as follows: Cement Plugs - Class 14

INTERVAL	LENGTH	FORMATION	5x CEMENT
9775-9675	100'	Murrow	45
7535-7435	100'	BISCO	50
5556-5456	100'	ABO	40
3720-3620	100'	YESO	50
2045-1945	100'	8 7/8" CSA 1995	40
Surface	10-20'	Fract P+ A Marker	10 5/8"

*All intervals to be filled w/ Arly mud.
Location to be cleaned & levelled.*

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SEP-4 1973
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ARTESIA, NEW MEXICO

* Pursuant to Mr. Leon Bukmans verbal approval 8-28-73.

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

SIGNED _____ TITLE **AREA ENGINEER** DATE **AUG 31 1973**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL (If any):

0 + 4 USGS-Art
1- D.V.
1- J.S.P.
1- R.R.V.
1- ARCO
SEP 11 1973
H. L. BECKMAN
ACTING DISTRICT ENGINEER
*See Instructions on Reverse Side

UN D STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYN. M. O. C. C. CO.
SUBMIT IN TRIPI
(Other instructions
verse side)

CE*

Form approved
Bureau No. 42 R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-6852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☒

2. NAME OF OPERATOR

Amoco Production Company ✓

SEP - 6 1974

3. ADDRESS OF OPERATOR

BOX 68, HOBBS, N. M. 88240

O. C. C.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1980' FNLY 660' FWL Sec. 12 (UNIT E, SE 1/4 NW 1/4)

7. UNIT AGREEMENT NAME

DIAMOND FED. GAS CO. M

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

SCOGGIN DRAW-MORROW

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

12-18-27 NMPM

12. COUNTY OR PARISH

EDDY NM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

3623' R.D. B.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)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 perti-
nent to this work.)

Physical abandonment of well concluded 8-31-73.
Plugged and abandoned as follows:

SX CEMENT	INTERVAL	LENGTH	FORMATION
45	9775 - 9765	100'	MORROW
50	7535 - 7435	100'	CIOCO
40	5556 - 5456	100'	ABO
50	3720 - 3620	100'	YESO
40	2045 - 1945	878' CSA 1995 - EUC	
10	Surface: erected P+A marker.		

all intervals filled w/ mud.

Location to be cleaned & drilled.

RECEIVED
SEP - 6 1973U.S. GEOLOGICAL SURVEY
ARRESTA

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

SIGNED

Ray E. Yorkum

TITLE

ADMINISTRATIVE ASSISTANT

DATE SEP 5 1973

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

or 4- USGS Act
1- Div
1- Susp
1- RRI
1- ARCOSEP 6 1974
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

EXHIBIT "D"
SKETCH OF WELL PAD

FRED POOL DRILLING, INC.
Well #2 Chukka Federal
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 12: T-18-S, R-27-E

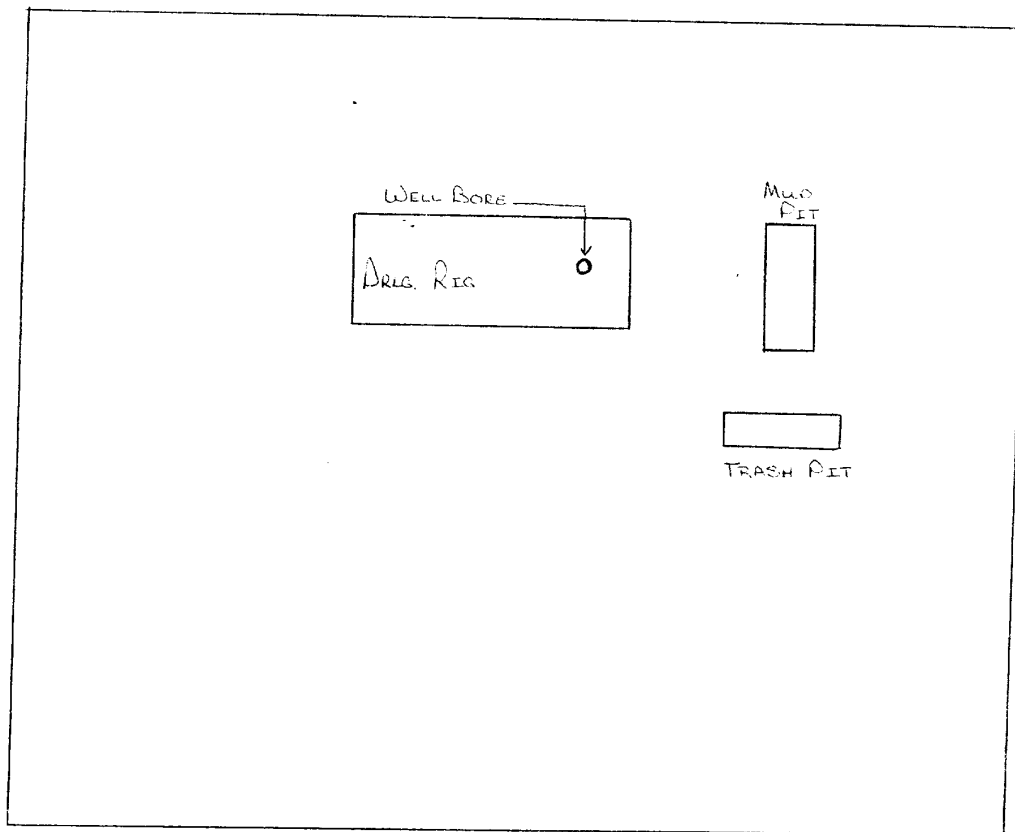
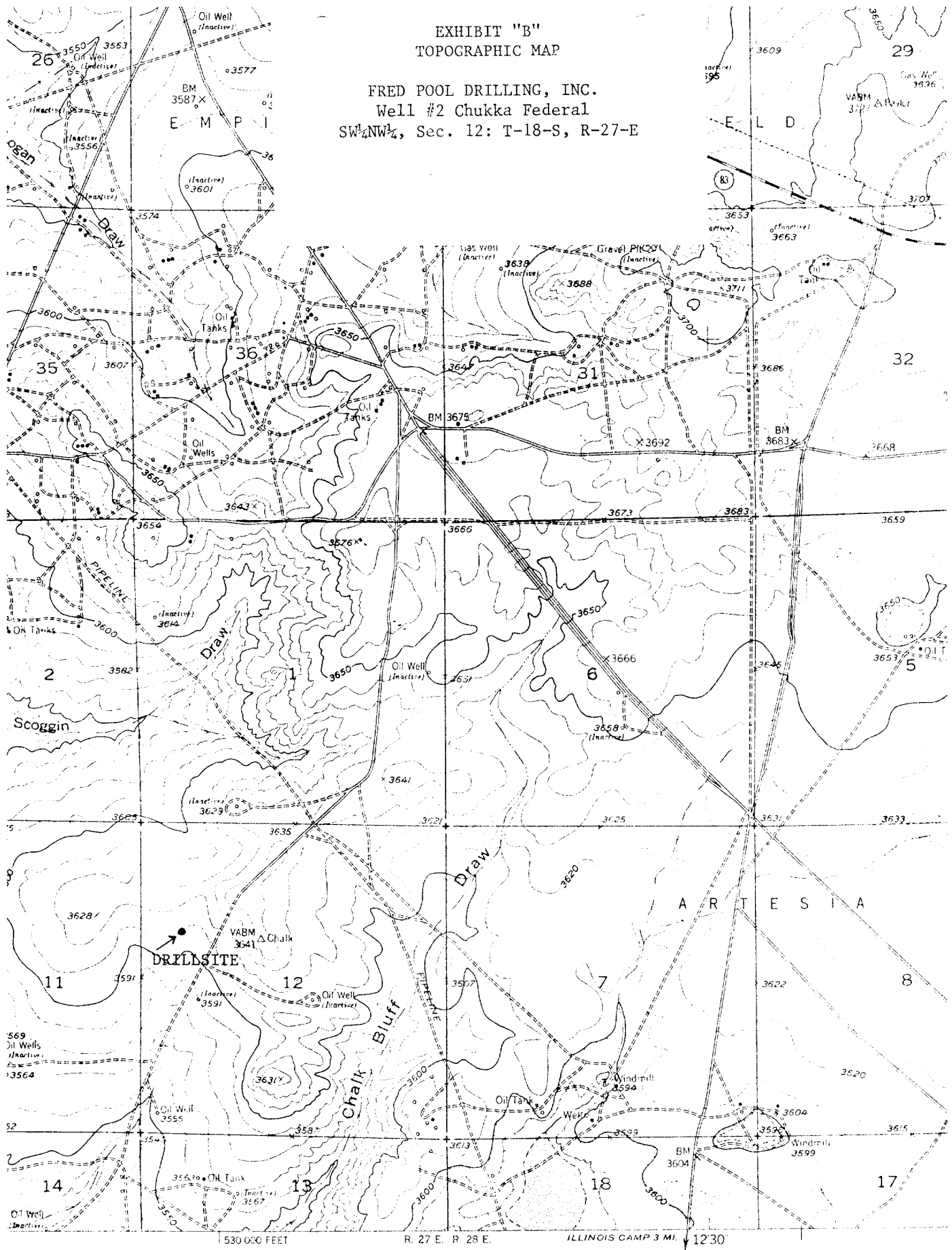


EXHIBIT "B"
TOPOGRAPHIC MAP

FRED POOL DRILLING, INC.
Well #2 Chukka Federal
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 12: T-18-S, R-27-E



SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL #2 CHUKKA FEDERAL
SW $\frac{1}{4}$ NW $\frac{1}{4}$, SEC. 12, T-18-S, R-27-E
EDDY COUNTY, NEW MEXICO

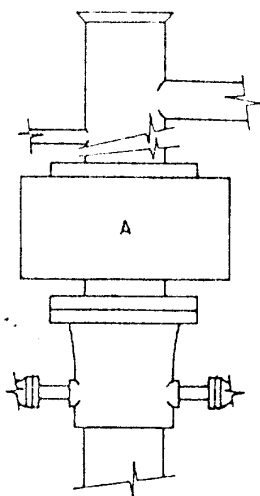
1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3607')
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yates	275'	Grayberg	1650'
Seven Rivers	475'		
Queen	1225'		
3. ANTICIPATED POROSITY ZONES:

Water	-	Above 300'
Oil	-	1500-2500'
4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 2000'	32#		
5. SURFACE CONTROL EQUIPMENT: Control head.
6. CIRCULATING MEDIUM: KCL water.
7. AUXILIARY EQUIPMENT: None considered necessary on this shallow development well.
8. TESTING, LOGGING AND CORING PROGRAM: No coring or DST's are planned. Electric logs will include an cement bond log and a Compensated Neutron Log with Gamma Ray.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED STARTING DATE: It is planned that operations will commence about August 31, 1985. Duration of drilling, completion and testing operations should be one to five days.
11. RE-ENTRY DETAILS: Drill out cement plug at top of casing. Clean hole to plug at 1945' with tubing. Pressure test casing to be sure it does not leak. Run cement bond log from 1945' to surface. Perforate the Penrose section from 1450' to 1470' acidize and swab test.

BLOWOUT PREVENTER ARRANGEMENT
FRED POOL DRILLING, INC.
WELL #2 CHUKKA FEDERAL
SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 12, T-18-S, R-27-E
EDDY COUNTY, NEW MEXICO



ARRANGEMENT A

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

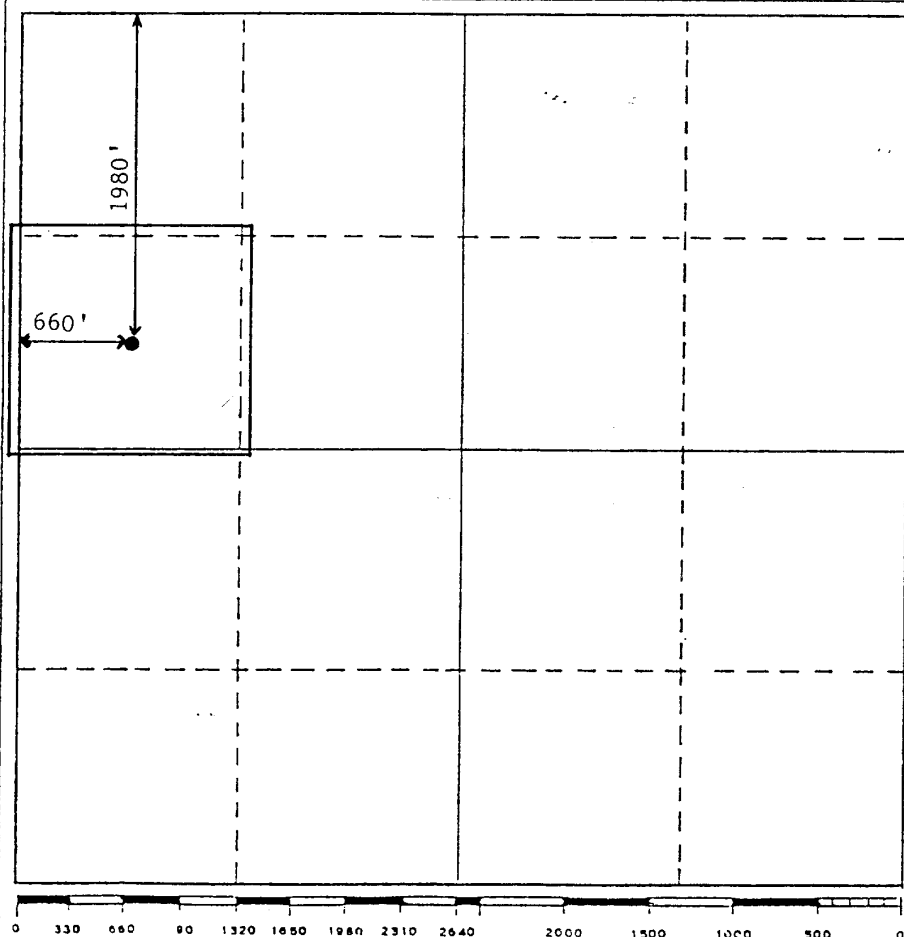
Operator Fred Pool Drilling, Inc.		Lease Chukka Federal		Well No. 2
Unit Letter E	Section 12	Township 18-S	Range 27-E	County Eddy
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line				
Ground Level Elev. 3607	Producing Formation Artesia		Dedicated Acreage: 40 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 Division.



CERTIFICATION

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

Name *Fred Pool*
Position President
Company Fred Pool Drilling, Inc.
Date 8-16-85

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 Land Surveyor _____

Certificate No. _____

RECEIVED BY

AUG 30 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
ARTESIA, OFFICEDRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER *Re-entry*SINGLE ZONE ☒MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Fred Pool Drilling, Inc.

4. ADDRESS OF OPERATOR

P. O. Box 1393, Roswell, N.M. 88201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL & 660' FWL
At proposed prod. zone

(Unit E)

(SW $\frac{1}{4}$ NW $\frac{1}{4}$)

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

11 air miles east-southeast of Artesia, N.M.

7. DISTANCE FROM PROPOSED*

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

660'

8. NO. OF ACRES IN LEASE

160

9. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

1650'

11. PROPOSED DEPTH

1945'

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc.)

3607 GR

14. APPROX. DATE WORK WILL START*

8-31-85

15.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11" <i>12 1/4" pipe</i>	8 5/8"	32#	2000	Circ.
<i>Csg. in place</i>				

This is a re-entry of Diamond Fed. Gas Com #1 plugged and abandoned 8-31-73.

OTD: 10,372

- Attached are:
- 1) Well location & acreage dedication plat
 - 2) Supplemental drilling data
 - 3) Surface use plan
 - 4) Designation of operator
 - 5) Original approved application by Amoco Production Co. for Diamond Federal Gas Com #1

*Posted 10/1
x 4/4
9-13-85*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program if any.

24.

SIGNED

Fred Pool Jr.

TITLE President

DATE 8-16-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

8-29-85

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. ICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 6852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chukka Federal

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Artesia Oil Pool

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

Sec.12-T 18S- R 27E

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

FRED POOL DRILLING, INC.

3. ADDRESS OF OPERATOR

P.O. Box 1393 Roswell, N.M. 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1980 DNL 660 FWL
Unit E SW 1/4 NW 1/4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ET, GR, etc.)

3607 GR

Eddy

NM

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.)*

9-5-85: Drilled cement out of surface from 0-30 ft.
Stringers of cement to 50 ft.
Tagged No. 2 plug at 1912 ft. Pulled tubing
back to 1804 ft.; circulated hole with fresh
water.
Preparing to log and perforate well.

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

SIGNED

Santa Pool

TITLE Clerk

DATE 9-6-85

(This space for Federal or State office use)

APPROVED BY

RECEIVED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

SEP 10 1985

*See Instructions on Reverse Side

CARICAD, NEW MEXICO

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. CONTROL
Artesia, NM 88210

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 6852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chukka Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Artesia Oil Pool

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

Sec, 12-T18S-R27E

12. COUNTY OR PARISH

Eddy

13. STATE

NM,

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ re-entry

2. NAME OF OPERATOR

Fred Pool Drilling, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 1393 Roswell, N.M. 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

1980 FNL 660 FWL Unit E
SW 1/4 NW 1/4

14. PERMIT NO.

3001520894

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3607 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

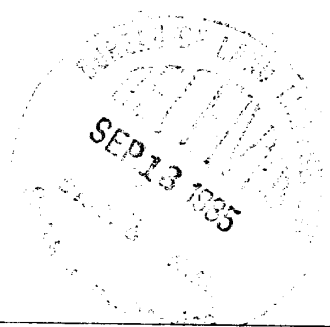
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

September 8, 1985

Perforations: 1446-56 ft. and 1459-62
14 shots.

Acidized with 1000 gallons NE 15%; and 30,000 gallons Versagel; 30,000# 20/40 sand and 12,000 # 10/20 sand.

Pumping well back to test.



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

SIGNED Fred Pool

TITLE Vice - president

DATE 9-11-85

(This space for Federal or State office use)

APPROVED BY ACCEPTED FOR RECORD

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

SEP 16 1985

*See Instructions on Reverse Side

CARLSBAD, NEW MEXICO

RECEIVED BY

SEP 23 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

Is this a RE-ENTRY?

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Fred Pool Drilling, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Box 1393 Roswell, N.M. 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980 FNL660 FWL SW $\frac{1}{4}$ NW $\frac{1}{4}$ Unit E

At top prod. interval reported below

1446- ft.

At total depth

1912 ft.

14. PERMIT NO.

3001520894

DATE ISSUED

9-30-85

15. DATE SPUDDED

8-30-85

16. DATE T.D. REACHED

9-6-85

17. DATE COMPL. (Ready to prod.)

9-10-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3607 GR

19. ELEV. CASINGHEAD

3607 GR

20. TOTAL DEPTH, MD & TVD

1912 ft.

21. PLUG BACK T.D., MD & TVD

1912 ft.

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1446-1462 ft.

Penrose

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	32#	2000	11"	circulated	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	1804 ft.	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

1446-56 ft.

1459-62 ft. 14 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1446-56	1000 gal. NE 15%, 30,000
1459-62	gal. Versagel; 30,000 #
	20/40 sand; 12,000# 10/20
	sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-12-85		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-12-85	24	none	→	31	TSTM	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.		WATER—BBL.	OIL GRAVITY-API (CORR.)
40#	40#	→	31	TSTM		0	35

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

vented

TEST WITNESSED BY

SEP 19 1985 Fred Pool, Jr.

35. LIST OF ATTACHMENTS

Compensated Neutron log, mailed 9-10-85

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Fred Pool

TITLE Vice President

DATE 9-13-85

*(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.)

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
Queen & Grayburg TD	0	65	Caliche and red bed			
	65	1100	Salt, red bed and anhydrite			
	1100	1365	Dolomite and anhydrite			
	1365	1570	Sand dolomite			
	1570	1912	dolomite			

OIL CONSERVATION DIVISION

P.O. BOX 2088

SANTA FE NEW MEXICO 87501

NO. OF COPIES RECEIVED	
DISTRIBUTION	
LAND OFFICE	
TRANSPORTER	
OPERATOR	
PRODUCTION OFFICE	

RECEIVED BY
SEP 18 1985REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Fred Pool Drilling, Inc.

Address

P.O. Box 1393 Roswell, N.M. 88201

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Re-entry	Change in Transporter of:
Recompletion	<input type="checkbox"/>		Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>		Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

Other (Please explain)

CASINGHEAD GAS MUST NOT BE
FLARED AFTER 3-10-24-85If change of ownership give name
and address of previous ownerUNLESS AN EXCEPTION FROM
THE B. L. M. IS OBTAINED

I. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease
Chukka Federal	2	Artesia Oil Pool	State, Federal or Fee Federal	6852
Location				
Unit Letter <u>E</u> : 1980 Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u>				
Line of Section <u>12-</u> Township <u>18S</u> Range <u>27E</u> , NMPM, <u>Eddy</u> Co.				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Navajo Crude Oil Purchasing	Box 159 Artesia, N.M. 88210					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Phillips Petroleum	Bartlesville, Okla.					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Range	Is gas actually connected?	When
	E	12	18S	27E	no	

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Heat	Diff. H
	X			X				X
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
8-30-85	9-10-85	1912 ft.	1912 ft.					
Elevations (DF, REB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
GR 3607	Penrose	1446 ft.	1804					
Perforations			Depth Casing Shoe					
1446-56			-					
1459-62								

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
11"	8 7/8"	1912	

Post ID-2
9-27-85

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 greater than top casing pressure 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.)	
9-12-85	9-12-85	pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs.	40#	40#	none
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
31 bbls	31	0	TSTM

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
TSTM	24hrs.	TSTM	-
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
			none

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.

OIL CONSERVATION DIVISION

APPROVED SEP 24 1985, 19
BY Original Signed By
Les A. Clements

Penta Pool

(Signature)

Vice President

(Title)

9-16-85

(Date)

TITLE Supervisor, District II

This form is to be filled 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.

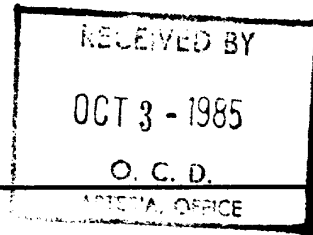
All sections of this form must be filled out completely for allowable on new and recompleted wells.

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

Separate Forms C-104 must be filled for each pool in multicompleted wells.

FRED POOL, JR.

September 25, 1985



P. O. Box 1393
Roswell, NM 88201

New Mexico Energy and Resources Board
P.O.Box 2088
Santa Fe, N.M. 87501

RE: Chukka Federal No. 2
Lease No. 6852
SW/4 NW/4 Sec. 12-18S-27E
Eddy County, N.M.

Gentlemen,

Please be advised that the above well was spudded on 8-3-85 and completed as a producing well on September 10, 1985. This well was potentialized at 31 barrels per day of oil and gas was TSTM.

All necessary records and logs have been filed with the appropriate offices.

Sincerely,


Penta Pool

OIL CONSERVATION DIVISION

Drawer DD Artesia, NM.

DISTRICT OFFICE #2

Sept. thru Dec. 1985
NO. 2058 N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE September 24, 1985

PURPOSE ALLOWABLE ASSIGNMENT - NEW OIL

Effective September 12, 1985 an allowable of 31 barrels of oil per day
is hereby assigned to Fred Pool Drilling, Incorporated, Chukka Federal
#2-E-12-18-27 in the Artesia Queen Grayburg San Andres Pool.

L - F

MP - P

Sept. Total - 589 bbls.
Oct. Total - 961 bbls.
Nov. Total - 930 bbls.
Dec. Total - 961 bbls.

Form. - Penrose
Perfs. - 1446' - 1462'
Comp. - 9-10-85
TD - 1912'

LAC:fc

Fred Pool Drlg., Inc.

NRC
PP

OIL CONSERVATION DIVISION



DISTRICT SUPERVISOR

DECLARATION OF INTEREST

STATEMENT

AND

RELATION TO THE OIL PROPERTIES MATTER

STATEMENT

STATEMENT

STATEMENT

STATEMENT

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STATEMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruct. on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 6852

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CHUKKA FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

ARTESIA Q-G-SA

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

SEC. 12, TWP 18S, RGE. 27E

12. COUNTY OR PARISH 13. STATE

EDDY

NM

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

THE EASTLAND OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 3488, MIDLAND, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

UNIT LETTER E, 1980 FT. FNL AND 660 FWL, SECTION 12, TS 18S, RG. 27E, EDDY CO., NM

14. PERMIT NO.

30-015-20894

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) CHANGE OF OPERATOR

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

LEASE PURCHASED FROM FRED POOL DRILLING, INC. 09/01/90.

RECEIVED
OCT 17 11 03 AM '90
CARL AREA

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

SIGNED Travis Reed

TITLE PRODUCTION SUPERINTENDENT

DATE 10/11/90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 18 '90

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

C. C. D.

ARTESIA, OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I. Operator THE EASTLAND OIL COMPANY		Well API No. 30-015-20894
Address P. O. DRAWER 3488, MIDLAND, TEXAS 79702		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	EFFECTIVE 09/01/90
If change of operator give name and address of previous operator FRED POOL DRILLING, INC., P. O. DRAWER 1393, ROSWELL, NM 88201		

II. DESCRIPTION OF WELL AND LEASE

Lease Name CHUKKA FEDERAL	Well No. 2	Pool Name, Including Formation ARTESIA Q-G-SA	Kind of Lease State , Federal XXXX	Lease No. 6852
Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>18S</u> Range <u>27E</u> , NMPM, <u>EDDY</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> NAVAJO CRUDE OIL PURCHASING	Address (Give address to which approved copy of this form is to be sent) BOX 159, ARTESIA, NM 88210					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> PHILLIPS PETROLEUM	Address (Give address to which approved copy of this form is to be sent) BARTLESVILLE, OK					
If well produces oil or liquids, give location of tanks.	Unit E	Sec. 12	Twp. 18S	Rge. 27E	Is gas actually connected? NO	When ?

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 Res'v	Diff Res'v
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 top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size <u>posted ID-3</u> <u>10-26-90</u>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF <u>chg OP</u>

GAS WELL

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

VI. OPERATOR 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.

Mavis Reed
Signature

PRODUCTION SUPERINTENDENT

OIL CONSERVATION DIVISION

Date Approved OCT 23 1990

By ORIGINAL SIGNED BY
MIKE WILLIAMS

TRAVIS REED PRODUCTION CO. INC.

Printed Name	Title
10/08/90	915/683-6293
Date	Telephone No.

TRAVIS REED PRODUCTION CO. INC.
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Kilo Brazos Rd., Aztec, NM 87410

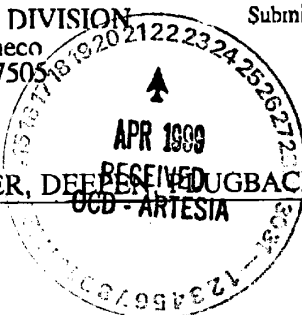
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

FORM C-101
Revised March 12, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies



☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

Operator Name and Address: Navajo Refining Company Post Office Box 159 Artesia, New Mexico 88211		OGRID Number 15694
		API Number 30-015-20894
Property Code 23592	Property Name WDW	Well No. 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	18S	27E		1980	North	660	West	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Lower Wolfcamp Cisco Canyon Injection Zone					Proposed Pool 2 Navajo Injection; Permo-Penn. 96918				

Work Type Code E-Reentry	Well Type Code Class I Injection	Cable/Rotary R	Lease Type Code Federal	Ground Level Elevation 3607' GR, 3623' KB
Multiple No	Proposed Depth 9200'	Formation Strawn	Contractor	Spud Date 5/15/99

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	32 lb/ft	1995 feet	800	Surface
7-7/8"	5-1/2"	17 lb/ft	9200 feet	Caliper vol. +20%	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Proposed Reentry of The Eastland Oil Company (originally Fred Pool Drilling, Inc.) Chukka Federal No. 2 (PBTD 1912 feet, September 10, 1985) formerly Amoco Production Company Diamond Federal Gas Com. No. 1 (OTD 10,372 feet, P&A August 31, 1973). The well currently produces oil and gas from perforations from 1446 feet to 1462 feet (Penrose.)

Navajo will squeeze the perforations from 1446 feet to 1462 feet, drill out cement plugs, and clean out the well to 9200 feet, set 5-1/2 inch casing at 9200 feet and cement to the surface, perforate porous intervals in the Lower Wolfcamp, Cisco, and Canyon Formations between 7270 feet and 9200 feet, and conducted injectivity tests.

Attached are the Well Location Plat and Drilling Program.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Darrell Moore</i> Printed name: <i>Darrell Moore</i> Title: <i>Env. Mgr. for Water & Waste</i> Date: <i>4/21/99</i>		OIL CONSERVATION DIVISION Approved by: <i>Sign. W. L. Green. B6X</i> Title: <i>District Supervisor</i> Approval Date: <i>5-3-99</i> Expiration Date: <i>5-3-00</i> Conditions of Approval: Attached <input type="checkbox"/>	
Phone: <i>505-748-3311</i>			

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-20894		Pool Code	Pool Name Lower Wolfcamp-Cisco-Canyon Injection Zone
Property Code	Property Name WDW-2		Well Number
GRID No.	Operator Name Navajo Refining Company		Elevation 3607' GR

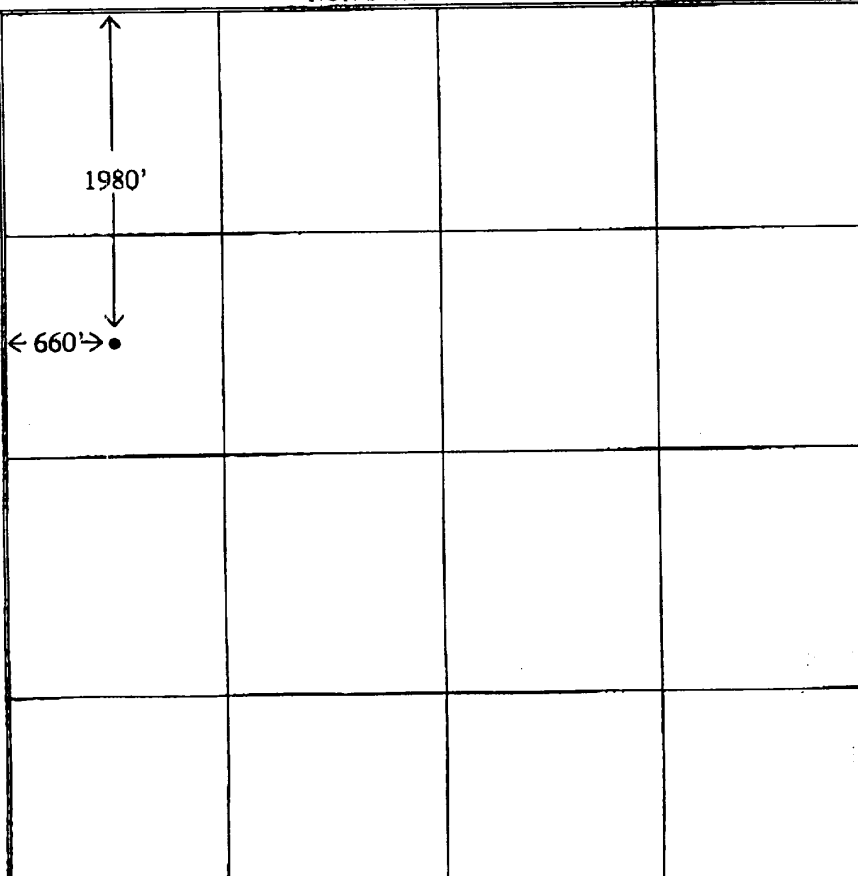
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	18S	27E		1980	North	660	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <u>Darrell Moore</u></p> <p>Printed Name <u>Darrell Moore</u></p> <p>Title <u>Env. Mgr. for Water & Waste</u></p> <p>Date <u>4/21/99</u></p>			
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Well is active. Location was not re-surveyed by Navajo.</p> <p>Certificate Number _____</p>			

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505
(505) 827-7133
Fax: (505) 827-8177

**(PLEASE DELIVER THIS FAX)**

To: TIM GUMM - ARTESIA OGD FAX 748-9720

From: WAYNE PRICE - OGD SF

Date: 4/30/99

Number of Pages (Includes Cover Sheet) 7/6

Message: APPROVED BOND FOR NAVAJO WDW #2

CLASS I INJECTION WELL (COPY)

If you have any trouble receiving this, please call:
(505) 827-7133



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2840 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 19, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z 559 573 590

J.S. Ward & Son, Inc.
104 South Fourth Street
Artesia, New Mexico 88210-2195

Attention: Mr. Gary Sims

Re: Navajo Refining Company Discharge Plan UIC-CLI-008-2
Bond No. 58 96 12
\$ 95,000.00 One-Well Plugging Bond
to the State of New Mexico for Class I Injection Well WDW#2
1980' FNL and 660' FWL - Sec 12-Ts18s-R27e N.M.P.M.
Eddy, County, New Mexico
J.S. Ward & Son, Inc., Principal

Gulf Insurance Company, Surety
Bond 58 96 12

The New Mexico Oil Conservation Division hereby approves the above-captioned One-Well Plugging Bond.

Sincerely,

RAND CARROLL,
Legal Counsel

RC/wp

cc: OCD Artesia Office
Gulf Insurance Company



J. S. Ward & Son, Inc.

101 South Fourth Street
(505) 746-2796
FAX (505) 746-4244
Artesia, New Mexico
88210-2195

Insurance
Bonds

April 22, 1999

State of New Mexico
Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505-5472

Attention: Mr. Roger Anderson

Re: Navajo Refining Company
Bond No. 58 96 12
\$95,000 One-Well Plugging Bond
to the State of New Mexico for
Class I Injection Well
Chukka Federal #2

Dear Mr. Anderson:

Enclosed please find the captioned bond through Gulf Insurance Company which we trust you find in order and acceptable for filing.

Very truly yours,

J. S. WARD & SON, INC.

By

L. Gary Sims

SGS:emb

Enclosure

cc: Navajo Refining Company
Post Office Box 159
Artesia, New Mexico 88211-0159
Attention: Mr. Joe Akins - Copy of Bond & Invoice

OVER 60 YEARS

Navajo Refining Company

Gulf Insurance Company

PRINCIPAL

SURETY

Post Office Box 159

101 South Fourth Street

Artesia, New Mexico 88211-0159 Artesia, New Mexico 88210-2195

Address

Address

By

Signature

Signature

President

Attorney-In-Fact

Title

(Note: Principal, if corporation, affix corporate seal here.)

(Note: Corporate surety affix corporate seal here.)

ACKNOWLEDGEMENT FORM FOR NATURAL PERSONS

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, 19____, before me personally appeared _____, to me known to be the person (persons) described in and who executed the foregoing instrument and acknowledged that he (they) executed the same as his (their) free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

My Commission Expires _____

ACKNOWLEDGEMENT FORM FOR CORPORATION

STATE OF New Mexico)
COUNTY OF Eddy) ss.

On this 22nd day of April, 1999, before me personally appeared Jack P. Reid, to me personally known who, being by me duly sworn, did say that he is President of Navajo Refining Company and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

1-16-2001
My Commission Expires



OFFICIAL SEAL
Rita Beadle
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 1-16-2001

ACKNOWLEDGEMENT FORM FOR CORPORATE SURETY

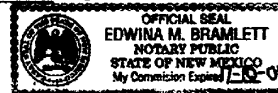
STATE OF New Mexico)
COUNTY OF Eddy) ss.

On this 22nd day of April, 1999, before me appeared S. Gary Sims, to me personally known, who, being by me duly sworn, did say that he is Attorney-in-Fact of Gulf Insurance Company and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the day and year in this certificate first above written.

Notary Public

7-10-01
My Commission Expires



(Note: Corporate surety attach power of attorney.)

APPROVED BY:

OIL CONSERVATION DIVISION OF NEW MEXICO

By:

Date:

4/30/99



POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That GULF INSURANCE COMPANY, a corporation of the State of Missouri, hereinafter called "Company," does hereby appoint

CHARLENE M. WARD or S. GARY SIMS or JOHN C. KNIGHT

ARTESIA, NEW MEXICO

its true and lawful Attorney-in-fact to make, execute, seal and deliver on its behalf, as surety, any and all bonds and undertakings of suretyship, not to exceed \$250,000.00 or any bond where the penalty is not stated in the bond form. No authority is granted where the attorney in fact is a party at interest in the bond.

The execution of such bonds or undertakings in pursuance of these presents shall be as binding upon the Company as if they had been executed and acknowledged by the regularly elected officers of the Company.

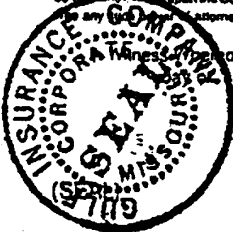
This Power of Attorney is issued pursuant to and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

"Resolved that the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary may appoint Attorneys-in-fact in any state, territory or federal district to represent this Company and to act on its behalf within the scope of the authority granted to them, in writing, which authority may include the power to make, execute, seal and deliver on behalf of this Company, as surety, and as its act and deed, any and all bonds and undertakings of suretyship and other documents that the ordinary course of surety business may require, including authority to appoint agents for the service of process in any jurisdiction, state or federal, and authority to attest to the signature of the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary and to verify any affidavit or other statement relating to the foregoing, and to certify to a copy of any of the bylaws of the Company and to any resolutions adopted by its Board of Directors; and any such Attorney-in-fact may be removed and the authority granted him revoked by the President, or any Senior Vice President, or any Vice President, or the Secretary, or any Assistant Secretary, or by the Board of Directors."

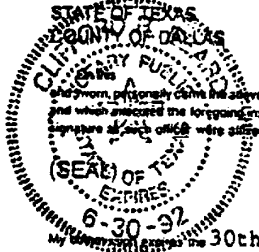
This Power of Attorney and Certificate are signed and sealed by facsimile under and by authority of the following resolution of the Board of Directors of the Company, adopted effective July 1, 1983, and now in full force and effect:

"Resolved that the signature of the President, or of any Senior Vice President, or of any Vice President, or of the Secretary, or of any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Attorneys-in-fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, including any such power of attorney and certificate revoking the authority of the foregoing Attorneys-in-fact, as well as for the appointment of agents for the service of process in any jurisdiction, state or federal, including any such power of attorney and certificate revoking the authority of such agents; and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power of attorney or certificate so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company at the time and to the extent that the power of attorney and certificate are executed and in the future with respect to any bond or undertaking to which they are attached."

Therefore, the Board of Directors of the Company has caused this Power of Attorney to be signed and its corporate seal to be affixed by its authorized officer this April 12, 1991.



By [Signature]
Sr. Vice President



I, before me, a Notary Public of the State and County aforesaid, residing therein, duly commissioned and sworn, personally knew the above named officer of GULF INSURANCE COMPANY, who being by me first duly sworn according to law, did depose and say that he is that officer of the company described in and which executed the foregoing instrument; that he knows the seal of said company; that the seal affixed to such instrument is the corporate seal of said company; and that the corporate seal and his signature at each office were signed and subscribed to the said instrument by the authority and direction of said company.
Clifford R. Beard
Notary Public
1992

CERTIFICATE

I, the undersigned, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy is in full force and effect, and the foregoing resolutions are true and correct transcripts from the records of GULF INSURANCE COMPANY and that the above named officer was on the date of execution of the foregoing Power of Attorney authorized to execute this Power of Attorney.



Therefore, I have hereunto subscribed my name and affixed the corporate seal of Gulf Insurance Company this 22nd day of April, 1999.

[Signature]
Vice President

Form O & G 8-1
Ad 6-17-77
Re 11-01-89

STATE OF NEW MEXICO

ONE-WELL PLUGGING BOND

FOR CHAVES, EDDY, LEA, MCKINLEY, RIO ARRIBA, ROOSEVELT,
SANDOVAL, AND SAN JUAN COUNTIES ONLY

BOND NO. 58 96 12
AMOUNT OF BOND \$95,000.00
COUNTY Eddy

NOTE: For wells less than 5,000 feet deep, the minimum bond is \$5,000.00*
For wells 5,000 to 10,000 feet deep, the minimum bond is \$7,500.00*
For wells more than 10,000 feet deep, the minimum bond is \$10,000.00

*Under certain conditions, a well being drilled under a \$5,000.00 or \$7,500 bond may be permitted to be drilled as much as 500 feet deeper than the normal maximum depth, i.e., a well being drilled under a \$5,000.00 bond may be permitted to go to 5,500 feet, and a well being drilled under a \$7,500.00 bond may be permitted to go to 10,500 feet. (See Rule 101)

File with Oil Conservation Division, P. O. Box 2088, Santa Fe 87501

KNOW ALL MEN BY THESE PRESENTS:

That Navajo Refining Company, ~~AN UNINCORPORATED COMPANY~~
(a corporation organized in the State of New Mexico, with its principal office in the city
of Artesia, State of New Mexico, and authorized to do business
in the State of New Mexico), as PRINCIPAL, and Gulf Insurance Company,
a corporation organized and existing under the laws of the State of
Missouri, and authorized to do business in the State of New
Mexico, as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of the Oil
Conservation Division of New Mexico pursuant to Section 70-2-12, New Mexico Statutes Annotated, 1978
Compilation, as amended, in the sum of Ninety-Five Thousand and no/100ths
Dollars lawful money of the United
States, for the payment of which, well and truly to be made, said PRINCIPAL and SURETY hereby bind
themselves, their successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas lease, or carbon
dioxide (CO₂) gas leases, or helium gas leases, or brine mineral leases with the State of New Mexico; and

WHEREAS, The above principal has heretofore or may hereafter enter into oil and gas leases, or carbon
dioxide (CO₂) gas leases, or helium gas leases, or brine mineral leases on lands patented by the United
States of America to private individuals, and on lands otherwise owned by private individuals; and

WHEREAS, The above principal, individually, or in association with one or more other parties, has
commenced or may commence the drilling of one well not to exceed a depth of 9200
feet, to prospect for and produce oil or gas, or carbon dioxide (CO₂) gas or helium gas, or does own or
may acquire, own or operate such well, or such well started by others on land embraced in said State oil
and gas leases, or carbon dioxide (CO₂) leases, or helium gas leases, or brine minerals, and on land
patented by the United States of America to private individuals, and on land otherwise owned by private
individuals, the identification and location of said well being being
1980' FNL and 660' FWL, Section 12, Township 18 ~~North~~ (South)

(Here state exact legal footage description)
Range 27 (East) ~~NEW~~, N.M.P.M., Eddy County, New Mexico.

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or
assigns, or any of them, shall plug said well when dry or when abandoned in accordance with the rules,
regulations, and orders of the Oil Conservation Division of New Mexico in such way as to confine the oil,
gas, brine, and water in the strata in which they are found, and to prevent them from escaping into other
strata;

THEN, THEREFORE, This obligation shall be null and void; otherwise and in default of complete
compliance with any and all of said obligations, the same shall remain in full force and effect.

Signed and sealed this 22nd day of April, 1999.

ATTACHMENT A

Sunday, May 9, 1999

Pressure testing the 8-5/8 inch Surface Casing from 1922 feet (KB) to 30 feet (KB) using a fresh water fluid. Pressure testing was performed after the perforations between 1446 feet and 1462 feet were squeezed with cement.

Pressure Test No. 1

Time (hrs.)	Cumulative Time (minutes)	Pressure (psig)	Delta Pressure (psi)
1303	0	660	----
1308	5	660	0
1313	10	660	0
1318	15	660	0
1323	20	660	0
1328	25	659	-1
1333	30	659	0

Total = -1 psi per 30 minutes

Pressure Test No. 2

Time (hrs.)	Cumulative Time (minutes)	Pressure (psig)	Delta Pressure (psi)
1333	0	659	----
1338	5	659	0
1343	10	659	0
1348	15	658	-1
1353	20	658	0
1358	25	657	-1
1303	30	657	0

Total = -2 psi per 30 minutes



TELEPHONE
(505) 748-3311

EASYLINK
62905278



REFINING COMPANY

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159

FAX
(505) 746-6410 ACCTG
(505) 746-6155 EXEC
(505) 748-9077 ENGR
(505) 746-4438 P / L

May 10, 1999

Mr. Tim Gumm
State of New Mexico
Energy, Minerals and Natural
Resources Department
Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210



RE: Re-Entry for Navajo Refining Company's Waste Disposal Well No. 2

Dear Mr. Gumm:

Navajo Refining Company (Navajo) has contracted Subsurface Technology, Inc. to re-enter, test and complete Waste Disposal Well No. 2 (WDW-2), formerly the Chukka Federal No. 2 operated by The Eastland Oil Company. The United States Department of the Interior, Bureau of Land Management approved the Application for Permit to Drill or Deepen on April 27, 1999. Subsequent approval from the State of New Mexico Oil Conservation Commission (OCD) was granted on Tuesday, May 4, 1999.

Navajo initiated field operations on Wednesday, May 5, 1999. The existing pumping equipment, rods, and tubing were removed from the wellbore. The perforations from 1446 feet to 1462 feet were squeezed using 100 sacks of Class 'H' cement (approximately 50 sacks of cement were displaced into the perforated interval). The cement was allowed to cure and drilled out to a total depth of 1922 feet (KB)(1911 feet below ground level).

On Sunday, May 9, 1999, the 8-5/8 inch surface casing, set from 1955 feet (KB) to surface, was pressure tested for internal mechanical integrity between 1922 feet (KB) and 30 feet (KB) using a packer set at 30 feet. The 8-5/8 inch surface casing was pressure tested to 660 pounds per square inch and monitored at the surface for one hour (Attachment A). The fluid used for testing was a clean fresh water fluid. A pressure loss of 1 psi (0.15%) was observed during the first 30 minutes of the test. A pressure loss of 2 psi (0.30%) was observed during the last 30 minutes of the test. The results from the pressure test confirmed internal mechanical integrity of the 8-5/8 inch surface casing from 1922 feet (KB) to 30 feet (KB).

An Independent Refinery Serving . . .
NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO

The 8-5/8 inch surface casing was originally set in an 11 inch open-hole to a depth of 1955 feet (KB) and cemented to surface using 700 sacks of Class 'H' cement with 2% gel and 100 sacks of Class 'H' neat. A total of 200 sacks of cement was recorded circulated to surface. The calculated volume between an 11 inch hole and 8-5/8 inch casing is (0.2407 cubic feet per foot X 1955 feet) 471 cubic feet. The volume of cement pumped is (1.18 cubic feet per sack X 800 sacks) 944 cubic feet for an excess of 473 cubic feet or 400 sacks circulated to surface. The calculated volume of cement and apparent volume of actual cement pumped indicated excess cement was circulated to surface.

On Sunday, May 9, 1999, Halliburton Logging Services completed a cement bond and microseismogram (same as a variable density log) logging survey within the 8-5/8 inch casing from a wireline total depth of 1919 feet (KB) to the surface (Attachment B). The results from the survey indicate a continuous column of cement from 1922 feet to surface with good bonding characteristics. The cement behind the 8-5/8 inch casing will provide an effective hydraulic seal to prevent the movement of groundwater fluids into the underground source of drinking water with a base at 473 feet.

Please review and approve the pressure testing and cement bond log results at your earliest convenience. Navajo will proceed with the mobilization of the drilling rig Wednesday, May 12, 1999 and begin re-entry of the WDW-2 wellbore according to the approved drilling program. Navajo will periodically contact the OCD, Artesia office with a status update of the re-entry operations. The Bureau of Land Management will be notified in sufficient time for a representative to witness the cementing of the 5-1/2 inch protection casing.

Should you have any questions or concerns, please call me at (505) 748-3311.

Sincerely yours,



Darrell Moore
Environmental Manager for Water and Waste

c: Mr. David Glass
Bureau of Land Management
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

Mr. Brian Rogers
Subsurface Technology, Inc.
7020 Portwest, Suite 100
Houston, Texas 77024

File: Injection Wells



March 30, 1999

Mr. Barry Hunt
Bureau of Land Management
Carlsbad Resource Area
620 East Greene Street
Carlsbad, New Mexico 88220-6292

RE: Navajo Refining Company Proposed WDW-2, Eddy County, New Mexico
Request for On-Site Inspection of Wellsite
Subsurface Project No. 60A4937

Dear Mr. Hunt:

Navajo Refining Company (Navajo) is purchasing an existing well in Eddy County, New Mexico for planned use as a Class I nonhazardous effluent disposal well, and plans to reenter and test the well in the next few months. The well is on federal land. Subsurface Technology, Inc. (Subsurface), formerly Envirocorp Services & Technology, Inc., on behalf of Navajo, requests your participation in an on-site inspection of the wellsite as soon as possible.

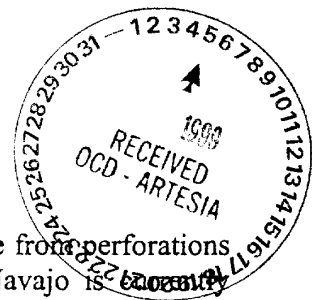
Pertinent information about the existing well is provided below:

Lease Number:	NM 6852
Current Operator:	The Eastland Oil Company (September 1990 to present)
Lease:	Chukka Federal No. 2
Former Operator:	Fred Pool Drilling Company (August 1985 to September 1990)
Former Operator:	Amoco Production Company (July 1973 to August 1985)
Former Lease:	Diamond Federal Gas Com. No. 1
Location:	1980' FNL, 660' FWL (SW/4 NW/4, Unit Letter E) 12-T18S-R27E

Topographic Map (Attachment A)

Original Total Depth: 10,372 feet
Plugged-Back Total Depth: 1912 feet
Well Schematic (Attachment B)

Status: The well is producing from the Penrose formation perforations between 1446 feet and 1462 feet. Navajo is currently



ENVIROCORP SERVICES & TECHNOLOGY, INC.

7020 PORTWEST DRIVE, #100 HOUSTON, TEXAS 77024 713/880-4640 FAX 713/880-3248

Mr. Barry Hunt
Bureau of Land Management

March 30, 1999
Page 2

negotiating to purchase the well from Eastland Oil Company. The purchase should be completed by April 1, 1999.

Navajo proposes to reenter the well, squeeze the perforations from 1446 feet to 1462 feet, drill out the plugs and clean out the well to approximately 9200 feet, set 5-1/2 inch casing at 9200 feet and cement it to the surface, and conduct one or more injectivity tests. The proposed injection intervals are porous zones in the lower portion of the Wolfcamp Formation (7270 feet to 7645 feet), the Cisco Formation (7645 feet to 8390 feet), and the Canyon Formation (8390 feet to 8894 feet). Navajo's proposed reentry, testing, and recompletion procedure is included as Attachment C. A schematic of the well after recompletion is included as Attachment D.

Subsurface is currently preparing a discharge plan application for the Class I well for Navajo to submit to the New Mexico Oil Conservation Division and the BLM Roswell office near the end of April 1999. Subsurface is also preparing BLM Form 3160-3 (Application for Permit to Drill) for Navajo to submit to the BLM Roswell office.

Please contact me at (713) 880-4640 to schedule an on-site inspection of the wellsite. Do not hesitate to call me if you need additional information or if you have questions.

Sincerely,



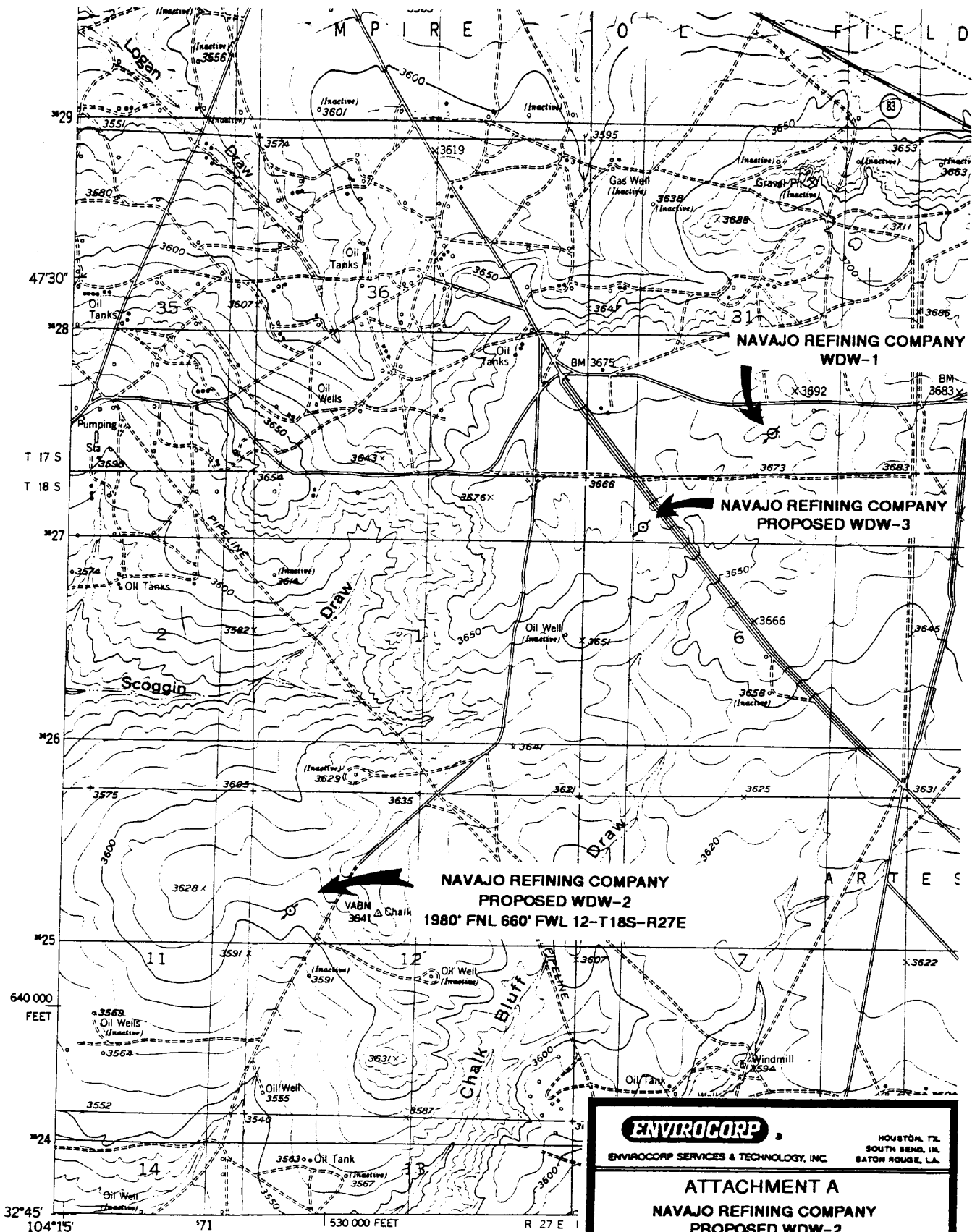
Nancy L. Niemann
Senior Geologist

NLN/paf
Attachments

c: Joe Lara – BLM, Carlsbad
David Glass – BLM, Roswell
Wayne Price – OCD, Santa Fe
Tim Gum – OCD, Artesia
Phil Youngblood – Navajo
Darrell Moore – Navajo
George Walbert – Holly Petroleum, Inc.

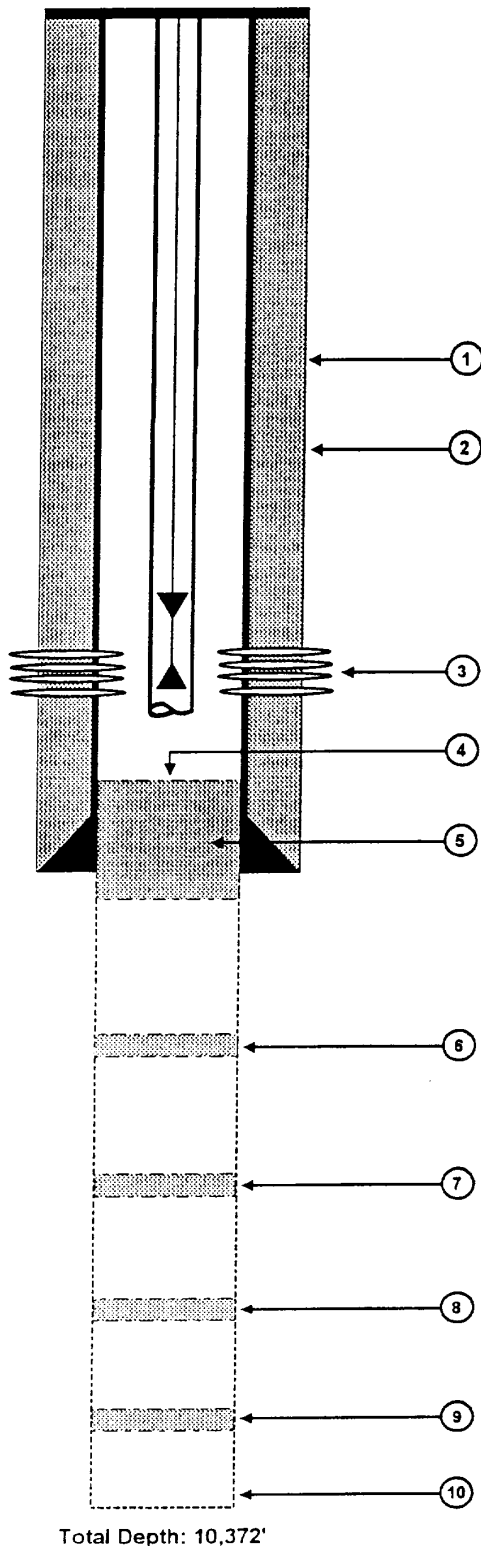
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ENVIROCORP



RED LAKE QUADRANGLE

ENVIROCORP ENVIROCORP SERVICES & TECHNOLOGY, INC. HOUSTON, TX SOUTH BEND, IN BATON ROUGE, LA.		
ATTACHMENT A NAVAJO REFINING COMPANY PROPOSED WDW-2 1980' FNL 660' FWL 12-T18S-R27E EDDY COUNTY, NM		
DATE:	CHECKED BY:	JOB NO:
DRAWN BY:	APPROVED BY:	DWG. NO:



BELOW GROUND DETAIL

All depths are referenced to the kelly bushing elevation of 13 feet. The surface elevation is 3610 feet.

1. Base of the USDW at 473'.

2. Casing: 8-5/8", 32 lb/ft, set at 1955' in an 11" hole. Cemented to surface with 700 sacks of cement.

3. Perforations: 1446' - 1462'.

4. PBTD: 1912'.

5. Cement Plug: 40 sacks from 1912' to 2045'.

6. Cement Plug: 50 sacks from 3620' to 3720'.

7. Cement Plug: 40 sacks from 5456' to 5556'.

8. Cement Plug: 50 sacks from 7435' to 7535'.

9. Cement Plug: 45 sacks from 9675' to 9775'.

10. Hole Size: 7-7/8".

ENVIROCORP

HOUSTON, TX.
SOUTH BEND, IN.
BATON ROUGE, LA.

ATTACHMENT III-2
NAVAJO REFINING COMPANY
CURRENT WELL CONFIGURATION
CHUKKA FEDERAL No. 2

Date: 03/10/99	Checked By: NLN	Job No.: 60A4937
Drawn By: LKM	Approved By: NLN	File: WDW2A.DS4

ATTACHMENT C

DRILLING AND RECOMPLETION PROCEDURE FOR NAVAJO REFINING COMPANY'S PROPOSED WDW-2

1. Obtain all permits and approvals for the reentry, testing and completion of a currently existing well.
2. Move in and rig up a workover unit. Remove the pumping equipment and pull the tubing out of the well.
3. Go in the hole with a squeeze packer and squeeze the perforations from 1446 feet to 1462 feet with 100 sacks of Class "H" cement. Allow the cement to cure.
4. Drill out the cement, circulate the well clean and pressure test the squeezed perforations at 500 psig for 30 minutes. Pull the squeeze tools out of the hole.
5. Conduct a CBL/VDL survey from 1912 feet to the surface. Submit the results of the pressure test and CBL/VDL survey to the OCD and the BLM for their review and approval prior to mobilizing the drilling rig.
6. After receiving approval from the OCD and the BLM to continue the reentry, prepare the location for the selected drilling rig. Construct the lined reserve pits, dig out the cellar, and install a mousehole and rathole.
7. Move in and rig up the rotary drilling rig and install the blowout preventers.
8. Drill out the following cement plugs and conduct deviation surveys every 1000 feet or on trips:
 - a. 1912 feet to 2045 feet, 40 sacks
 - b. 3620 feet to 3720 feet, 50 sacks
 - c. 5456 feet to 5556 feet, 40 sacks
 - d. 7435 feet to 7535 feet, 50 sacks
9. Clean the well out to a depth of 9200 feet and circulate and condition the hole for logging. Make a wiper trip to the base of the 8-5/8 inch surface casing while strapping the drillpipe.
10. Conduct a formation microimager (FMI) survey with gamma ray from the well's total depth to 4000 feet. Continue the four-arm caliper survey to the 8-5/8 inch

ATTACHMENT C (Continued)

casing shoe. Process the FMI for fracture identification over the lower 200 feet of the confining zone and zones of interest in the injection zone, if warranted.

11. Spot a gelled pill at 9200 feet and lay down the drillpipe.
12. Run the 5-1/2 inch casing with a packoff shoe and float collar to 9200 feet. Install a "DV" tool at 5500 feet. Run centralizers at approximately 120-foot intervals.
13. Cement the 5-1/2 inch casing in place. Use a minimum of 20% excess cement as calculated from the caliper log. Circulate cement to the surface and allow to cure.
14. Clean out the mud pits and release the drilling rig 12 hours after cementing the 5-1/2 inch casing in place.
15. Stabilize the 5-1/2 inch casing at the surface using ready-mix cement.
16. Move in and rig up the completion rig pump, tank, power swivel, and work string. Install the blowout preventer.
17. Run in the well with a 4-3/4 inch bit to the "DV" tool and test the casing to 1500 psig for 30 minutes.
18. Drill out the "DV" tool and clean out the wellbore to the float collar. Test the casing to 1500 psig for 30 minutes. Circulate the wellbore with clean brine, preceded by 15% HCL to clean the casing. Trip the work string out of the well.
19. Conduct the casing inspection, CBL/VDL, and differential temperature surveys.
20. Perforate the selected injection interval as determined from the open hole logs. (Zone 1).
21. Run in the well with a packer and tailpipe. Set the packer above the top perforation and swab test the perforated interval. Recover at minimum two tubing volumes of the reservoir fluid for analysis (Note: Set up H₂S monitoring equipment prior to swabbing operations).
22. Acidize the zone using diverters. Pull the packer out of the well.
23. Perforate the next selected injection interval as determined from the open hole logs (Zone 2).

ATTACHMENT C (Continued)

24. Run a retrievable bridge plug and packer into the well and isolate Zone 2.
25. Acidize Zone 2 using diverters. Pull the retrievable bridge plug and packer out of the well, laying down the work string.
26. Conduct an injection test down the 5-1/2 inch casing at 420 gpm for 12 hours followed by a pressure falloff test.
27. Conduct a differential temperature survey and radioactive tracer survey to determine the injection profile.
28. Run the injection tubing and packer. Fill the annulus with corrosion inhibited brine.
29. Wait for the well system to come to thermal stabilization (approximately 24 hours).
30. Conduct an annulus pressure test witnessed by the OCD.
31. Rig down and move out all equipment and close the reserve pit.
32. Install the annulus monitoring system and return the well to the client.

ATTACHMENT D

BELOW GROUND DETAIL

All depths are referenced to the kelly bushing elevation of 13 feet. Surface elevation is 3610 feet.

1. Base of the USDW at 473'.

2. Casing: 8-5/8", 32 lb/ft, set at 1955' in an 11" hole. Cemented to surface with 700 sacks of cement.

3. Injection Tubing: 3-1/2".

4. DV Tool: at 5500'.

5. Annulus Fluid: Corrosion inhibited brine water.

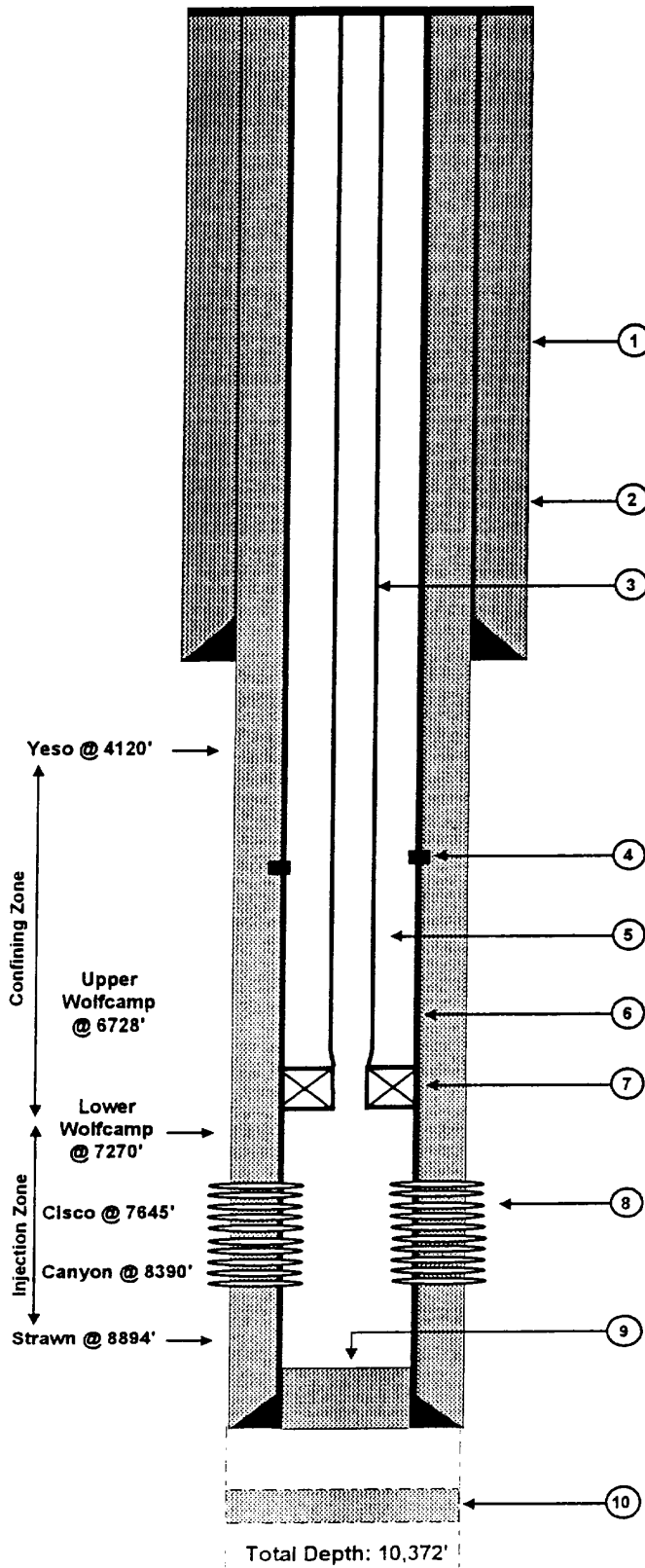
6. Protection Casing: 5-1/2" set in a 7-7/8" hole. Casing cemented to surface. Calipered hole volume plus 20% excess.

7. Packer: Fullbore retrievable packer set 100' above the top perforated injection interval.

8. Perforations: Perforated in two intervals between 7270' and 8894'.

9. PBTD: 9200'

10. Cement Plug: 45 sacks from 9675' to 9775'.



ENVIROCORP

HOUSTON, TX.
SOUTH BEND, IN.
BATON ROUGE, LA.

ATTACHMENT III-4
NAVAJO REFINING COMPANY
PROPOSED WDW-2
ARTESIA, NEW MEXICO

Date: 03/11/99	Checked By: NLN	Job No.: 60A4937
Drawn By: LKM	Approved By: NLN	File: WDW2B.DS4

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Navajo Refining Company Well No. 2 - WDW

Location: 1980' FNL & 660' FWL sec. 12, T. 18 S., R. 27 E.

Lease: NM-6852

.....

I. DRILLING OPERATIONS REQUIREMENTS: [Deepening]

1. The Bureau of Land Management (BLM) is to be notified at (505) 887-6544 in sufficient time for a representative to witness:

A. Cementing casing: 5-1/2 inch

2. Unless the injection casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

II. CASING:

1. Minimum required fill of cement behind the 5-1/2 inch injection casing is sufficient to circulate to the surface.

III. PRESSURE CONTROL:

1. Before drilling into the 100 foot 8-5/8 inch surface casing shoe cement plug at approximately 1912 feet, the blowout preventer assembly shall consist of a minimum of One Annular Preventer, Two Ram-Type Preventers, and a Kelly Cock/Stabbing Valve

2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 3000 psi.

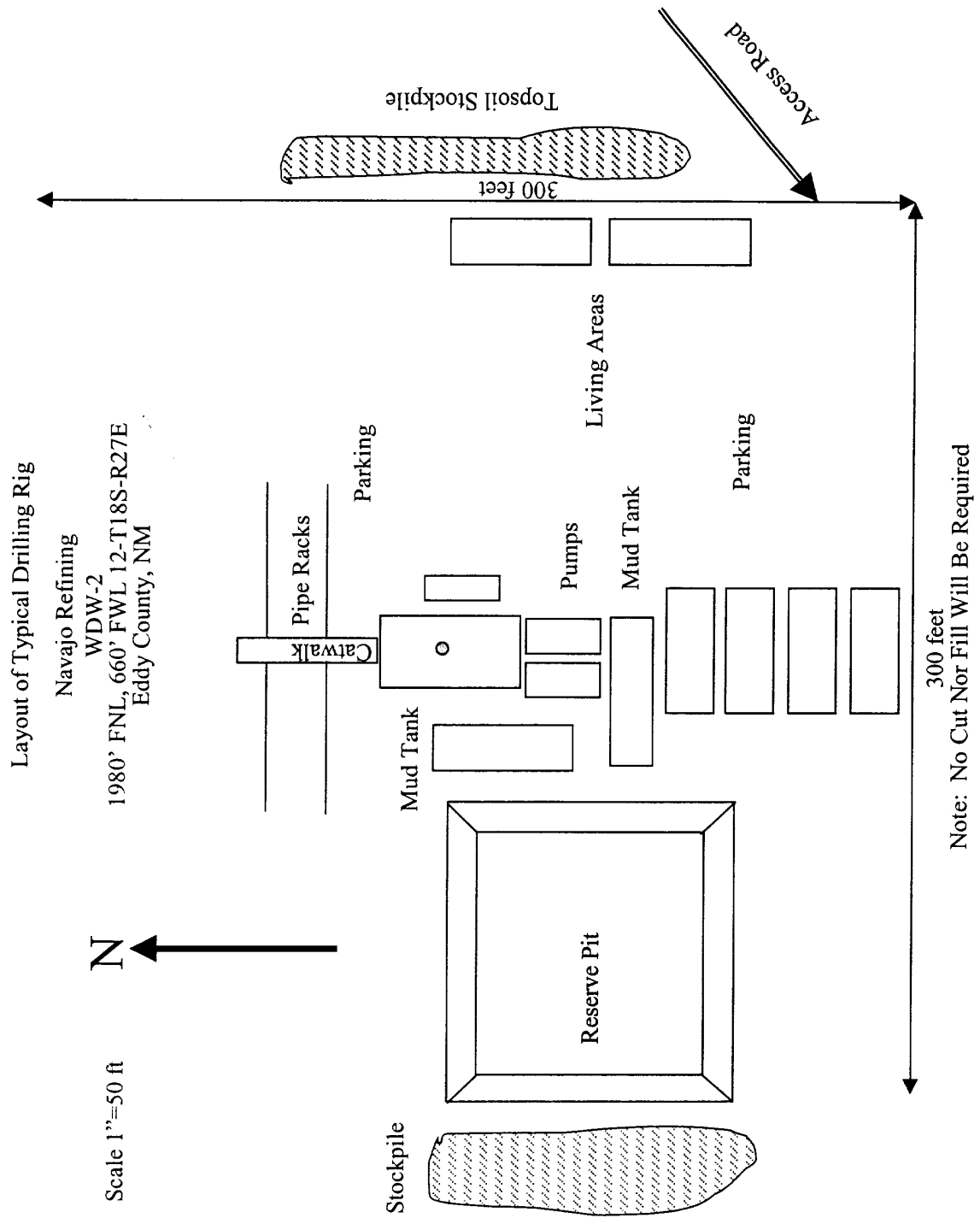
3. After drilling into the 100 foot 8-5/8 inch surface casing shoe cement plug at approximately 1912 feet and before drilling into the 100 foot Abo cement plug at approximately 5450 feet, the BOPE shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

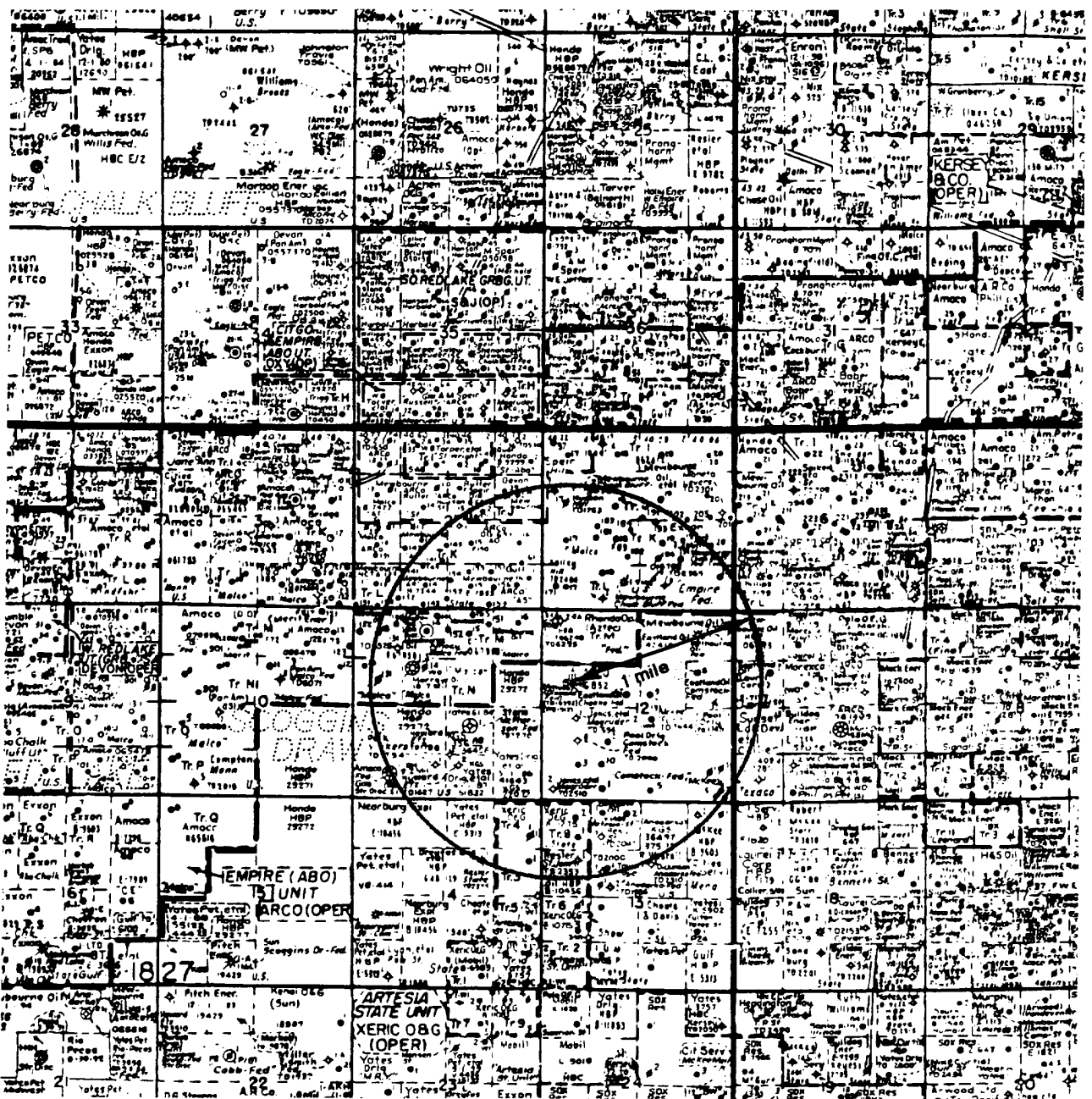
A. The results of the test will be reported to the BLM Carlsbad Resource Area office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.

B. Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.

C. Testing must be done in a safe workman like manner. Hard line connections shall be required.

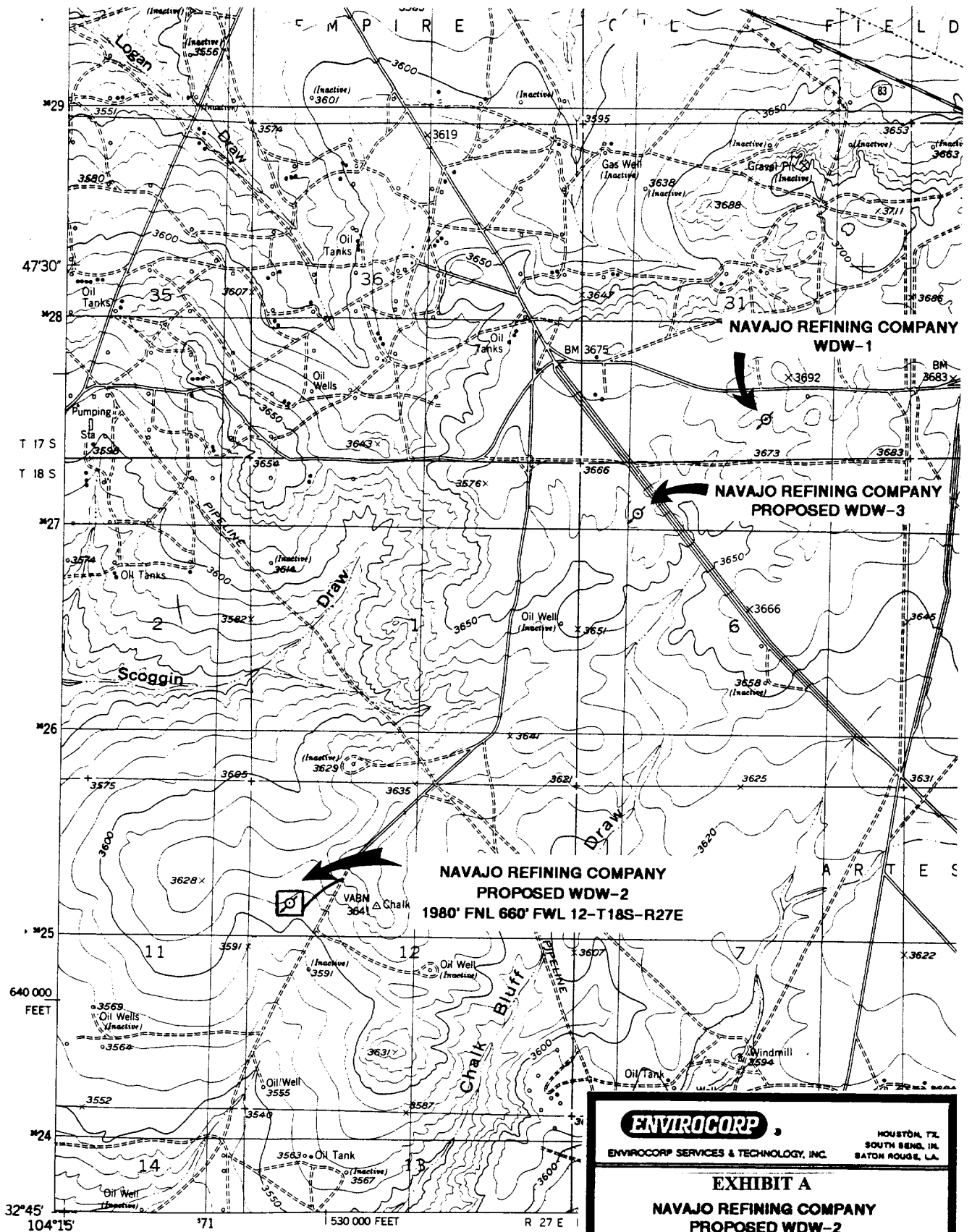
EXHIBIT C





Map courtesy of Midland Map Company

ENVIROCORP		HOUSTON, TX SOUTH BEND, IN BATON ROUGE, LA	
ENVIROCORP SERVICES & TECHNOLOGY, INC.			
EXHIBIT B			
WELLS WITHIN 1 MILE OF			
NAVAJO REFINING COMPANY'S			
PROPOSED WDW-2			
1980' FNL, 660' FWL 12-T18S-R27E			
DATE: 4/7/99	CHECKED BY:	JOB NO:	
DRAWN BY: NLN	APPROVED BY:	DWG. NO:	



RED LAKE QUADRANGLE

SURFACE USE PLAN

NAVAJO REFINING COMPANY PROPOSED WDW-2 1980' FSL, 660' FWL of 12-T18S-R27E EDDY COUNTY, NEW MEXICO

1. Existing Roads: Existing roads that lead to the proposed drillsite are shown on Exhibit A.
2. Access Roads To Be Constructed: No new access road is proposed.
3. Location of Existing Wells: Existing wells within one mile of proposed WDW-2 are shown on Exhibit B.
4. Location of Proposed Facilities If Well Is Completed: The well will be shut in after completion and testing.
5. Location and Type of Water Supply: Water for reentry, testing, and completion operations will be purchased from a commercial water hauler.
6. Source of Construction Materials: Materials required for construction of the site will be taken from a state-owned pit.
7. Methods of Handling Waste Disposal:
 - A. Drill cuttings will be disposed of in the drilling pits.
 - B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
 - C. Water produced during tests will be disposed of in the drilling pits.
 - D. Trash, waste paper, garbage, and junk will be buried in a trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit C.

- E. All trash and debris will be buried or removed from the wellsite after finishing drilling and/or completion operations.
8. Ancillary Facilities: None anticipated.
9. Wellsite Layout:
- A. The wellsite will be surveyed, and a 400' x 400' area will be staked and flagged.
 - B. The dimensions and relative location of the drill pad, mud pit, and trash pit, with respect to the wellbore, are shown on Exhibit C.
 - C. Existing topsoil to a depth of 6 inches will be lifted and stockpiled at the northeastern (uphill) end of the well pad. The stockpiled topsoil will be located uphill to avoid mixing with subsurface materials.
 - D. The well pad will be surfaced with material found in place.
 - E. The pits for mud and cuttings will be lined with 6-mil plastic.
10. Plans for Restoration of Surface:
- A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk.
 - B. Any unguarded pits containing fluids will be fenced until they are filled.
 - C. After abandonment, all equipment, trash, and junk will be removed and the location cleaned.
 - D. The stockpiled topsoil will be spread over the surface of the location.
11. Surface Ownership: U.S. Department of Interior, Bureau of Land Management.

12. Archaeological Survey: An archaeological survey of the drill pad was submitted to the BLM on July 31, 1985, on behalf of Fred Pool Drilling Company. An archeological survey was conducted by Navajo Refining Company and will be submitted by Navajo under separate cover.
13. Operator's Representatives: Representatives responsible for assuring compliance with the approved Surface Use Plan:

Mr. Darrell Moore
Navajo Refining Company
Post Office Box 159
Artesia, New Mexico 88211
505/748-3311

Mr. Jim Bundy
Subsurface Technology, Inc.
7020 Portwest Drive, Suite 100
Houston, Texas 77024
713/880-4640

Exhibits

- A. Topographic Map
- B. Oil and Gas Map
- C. Sketch of Well Pad

14. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Navajo Refining Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/12/99
Date

Darrell Moore
Signature
Darrell Moore
Name
Env. Mgr. for Water & Waste
Title
Navajo Refining Company
Company

BOP Minimum Requirements

- a. 11-inch, 3000-psi working pressure double-hydraulic BOP.
- b. 11-inch, 3000-psi working pressure annular BOP.
- c. 3-inch, 3000-psi working pressure manual choke manifold.

A schematic of the BOP stack is included as Exhibit A.

8. Drill out the following cement plugs and conduct deviation surveys every 1000 feet or on trips:
 - a. 1912 feet to 2045 feet, 40 sacks
 - b. 3620 feet to 3720 feet, 50 sacks
 - c. 5456 feet to 5556 feet, 40 sacks
 - d. 7435 feet to 7535 feet, 50 sacks

Estimated Tops of Geologic Formations

San Andres	2005'	Lower Wolfcamp	7270'
Yeso	4210'	Cisco	7645'
Abo	5506'	Canyon	8390'
Wolfcamp	6728'	Strawn	8894'

No fresh water or hydrocarbons are expected to be encountered.

Expected Bottom-Hole Pressure and Hazards

The expected bottom-hole pressure is 3500 psia at the total depth of 9200 feet. The bottom-hole pressure was determined from the pressure measured in Navajo's WDW-1, or 2928 psia, at 7924 feet. Navajo's WDW-1 is completed in the same interval proposed for WDW-2 and is located 11,000 feet northeast of WDW-2 in 31-T17S-R28E. The average specific gravity of the fluid between 7924 feet and 9200 feet is expected to be 1.034, which is the specific gravity of the fluid swabbed from the interval between 8220 feet and 8476 feet in WDW-1. The expected bottom-hole pressure at 9200 feet in proposed WDW-2 is calculated below:

$$\begin{aligned}\text{BHP (9200 feet)} &= 2928 \text{ psia} + (9200 \text{ feet} - 7924 \text{ feet}) \times 0.433 \text{ psi/ft} \times 1.034 \\ &= 3500 \text{ psia}\end{aligned}$$

No abnormal pressures or temperatures or other hazards are expected while drilling or testing the well. Hydrogen sulfide monitoring equipment will be set up prior to swabbing operations.

9. Clean the well out to a depth of 9200 feet and circulate and condition the hole for logging. Make a wiper trip to the base of the 8-5/8 inch surface casing while strapping the drillpipe.
10. Conduct a formation microimager (FMI) survey with gamma ray from the well's total depth to 4000 feet. Continue the four-arm caliper survey to the 8-5/8 inch casing shoe. Process the FMI for fracture identification over the lower 200 feet of the confining zone and zones of interest in the injection zone, if warranted.
11. Spot a gelled pill at 9200 feet and lay down the drillpipe.
12. Run the 5-1/2 inch, 17-lb/ft, J-55, LT&C casing with a packoff shoe and float collar to 9200 feet. Install a "DV" tool at approximately 5800 feet. Run centralizers at approximately 120-foot intervals.
13. Cement the 5-1/2 inch casing in place. Use a minimum of 20% excess cement as calculated from the caliper log. Circulate cement to the surface and allow to cure.

Cement Program

- a. Stage 1 Cement (total depth to 5800 feet): Lightweight Class H with fly ash, gel, friction reducer, and salt mixed with fresh water.
 - b. Stage 2 Lead Cement (5200 feet to the surface): Lightweight Class C with gel and bridging agents mixed with fresh water.
 - c. Stage 2 Tail Cement (5800 feet to 5200 feet): Class C mixed with fresh water.
14. Clean out the mud pits and release the drilling rig 12 hours after cementing the 5-1/2 inch casing in place.
 15. Stabilize the 5-1/2 inch casing at the surface using ready-mix cement.

16. Move in and rig up the completion rig pump, tank, power swivel, and work string. Install the blowout preventer.
17. Run in the well with a 4-3/4 inch bit to the "DV" tool and test the casing to 1500 psig for 30 minutes.
18. Drill out the "DV" tool and clean out the wellbore to the float collar. Test the casing to 1500 psig for 30 minutes. Circulate the wellbore with clean brine, preceded by 15% HCL to clean the casing. Trip the work string out of the well.
19. Conduct the casing inspection, CBL/VDL, and differential temperature surveys.
20. Perforate the selected injection interval as determined from the open hole logs. Depending on the height of the perforated interval, the interval may be perforated in two stages, as Zone Nos. 1 and 2.
21. Run in the well with a packer and tailpipe. Set the packer above the top perforation and swab test the perforated interval. Recover at minimum two tubing volumes of the reservoir fluid for analysis (Note: Set up H₂S monitoring equipment prior to swabbing operations).
22. Acidize the perforated zone (Zone 1) using diverters. Pull the packer out of the well.
23. Perforate the next selected injection interval (Zone 2) as determined from the open hole logs.
24. Run a retrievable bridge plug and packer into the well and isolate Zone 2.
25. Acidize Zone 2 using diverters. Pull the retrievable bridge plug and packer out of the well, laying down the work string.
26. Conduct an injection test down the 5-1/2 inch casing at 420 gpm for 12 hours, followed by a pressure falloff test.
27. Conduct a differential temperature survey and radioactive tracer survey to determine the injection profile.

28. Run the injection tubing and packer. Fill the annulus with corrosion inhibited brine.
29. Wait for the well system to come to thermal stabilization (approximately 24 hours).
30. Conduct an annulus pressure test witnessed by the OCD.
31. Rig down and move out all equipment and close the reserve pit.
32. Install the annulus monitoring system and return the well to the client.

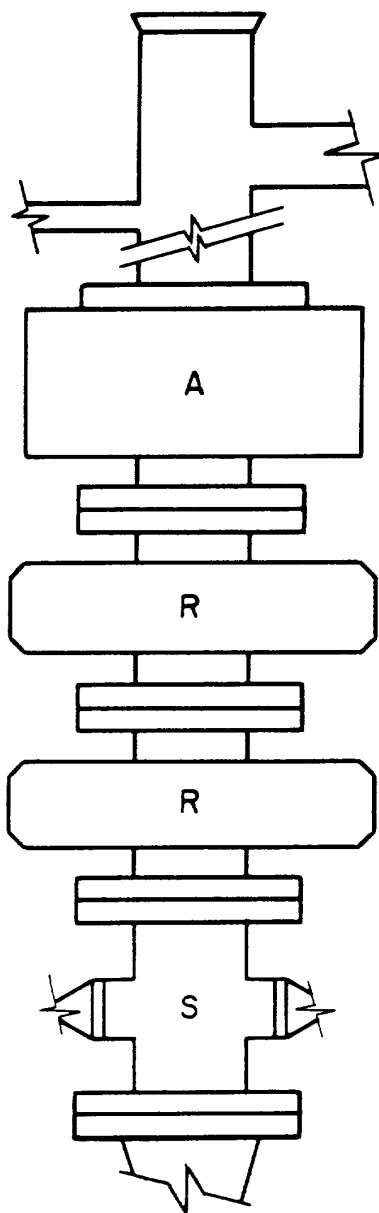
Logging, Testing, And Coring Program

A formation fluid sample will be retrieved from the proposed injection zone in proposed WDW-2. Navajo will conduct injectivity testing in the injection zone of proposed WDW-2.

No coring is planned.

The proposed logging program is described below:

HOLE/CASING	OPEN-HOLE LOGS	CASED-HOLE LOGS
Proposed WDW-2		
11 inch Surface Borehole (8-5/8 inch Casing) 1995 feet		Logs Run in 1973: Gamma Ray Logs Proposed on Reentry: Cement Bond/Variable Density Casing Inspection Log
7-7/8 inch Long-String Borehole (5-1/2 inch Casing) 9200 feet	Logs Run on August 27, 1973: Dual Induction-Laterolog/ Spontaneous Potential Compensated Neutron/ Formation Density Caliper Gamma Ray Logs Proposed on Reentry: Fracture Identification Log 4-Arm Caliper	Logs Proposed on Reentry: Cement Bond/Variable Density Casing Inspection Log Differential Temperature Log Radioactive Tracer Survey



A = ANNULAR-TYPE BLOWOUT PREVENTER
11-inch throughbore, 3000-psi working pressure

R = RAM-TYPE BLOWOUT PREVENTER
11-inch throughbore, 3000-psi working pressure

S = DRILLING SPOOL WITH SIDE OUTLET CONNECTIONS
FOR CHOKE AND KILL LINES

MANUAL CHOKE MANIFOLD
3-inch throughbore, 3000-psi working pressure

Source: API RP 53: Recommended Practices for
Blowout Prevention Equipment Systems

ENVIROCORP		HOUSTON, TX.
ENVIROCORP SERVICES & TECHNOLOGY, INC.		SOUTH BEND, IN.
		BATON ROUGE, LA.
EXHIBIT A		
BLOWOUT PREVENTER STACK AND MINIMUM REQUIREMENTS		
DATE: 4/7/98	CHECKED BY: JDB	JOB NO:
DRAWN BY: ALN	APPROVED BY:	DWG. NO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons. Division
NM 6852

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> Reenter		5. LEASE DESIGNATION AND SERIAL NO. NM 6852	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Class I Waste Disposal Well <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Navajo Refining Company 15694		7. UNIT AGREEMENT NAME 23592	
3. ADDRESS AND TELEPHONE NO. Post Office Box 159, Artesia, New Mexico 88210		8. FARM OR LEASE NAME, WELL NO. WDW-#2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 660' FWL Unit Letter At proposed prod. zone		9. API WELL NO. 30-015-20894	
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 11 air miles east-southeast of Artesia		10. FIELD AND POOL, OR WILDCAT L. Wolfcamp-Cisco-Canyon Injection Zone	
11. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3607' GR, 3623' KB		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA 12-T18S-R27E	
12. ELEVATIONS (Show whether DF, RT, GR, etc.)		12. COUNTY OR PARISH Eddy	
13. PROPOSED CASING AND CEMENTING PROGRAM		13. STATE NM	
14. NO. OF ACRES IN LEASE		17. NO. OF ACRES ASSIGNED TO THIS WELL	
15. PROPOSED DEPTH 9200'		20. ROTARY OR CABLE TOOLS Rotary	
21. APPROX. DATE WORK WILL START May 1, 1999			

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	32 lb/ft	1995'	800 sx circulated
7-7/8"	5-1/2"	17 lb/ft	9200'	Caliper volume + 20% excess

Proposed reentry of the Eastland Oil Company (originally Fred Pool Drilling, Inc.) Chukka Federal No. 2 (PBSD 1912 feet, September 10, 1985) formerly Amoco Production Company Diamond Federal Gas Com. No. 1 (OTD 10,372 feet, P&A August 31, 1973). The well currently produces oil and gas from perforations from 1446 feet to 1462 feet (Penrose).

Navajo will squeeze the perforations from 1446 feet to 1462 feet, drill out cement plugs and clean out the well to 9200 feet, set 5-1/2 inch casing at 9200 feet and cement to the surface, perforate porous intervals in the Lower Wolfcamp, Cisco, and Canyon Formations between 7270 feet and 9200 feet, and conduct injectivity tests.

Attached are the Well Location Plat, Drilling Program, and Surface Use Plan.

SUBJECT TO
LIKE APPROVAL
BY STATE AND RIGHT OF WAY APPROVAL

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give drilling program, if any.

SIGNED David R. Glass TITLE Env. Mgr. DATE 4/15/99
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) DAVID R. GLASS

PETROLEUM ENGINEER

APR 27 1999

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-20894	² Pool Code	³ Pool Name Lower Wolfcamp-Cisco-Canyon Injection Zone
⁴ Property Code	⁵ Property Name WDW-2	⁶ Well Number
⁷ OGRID No.	⁸ Operator Name Navajo Refining Company	⁹ Elevation 3607' GR

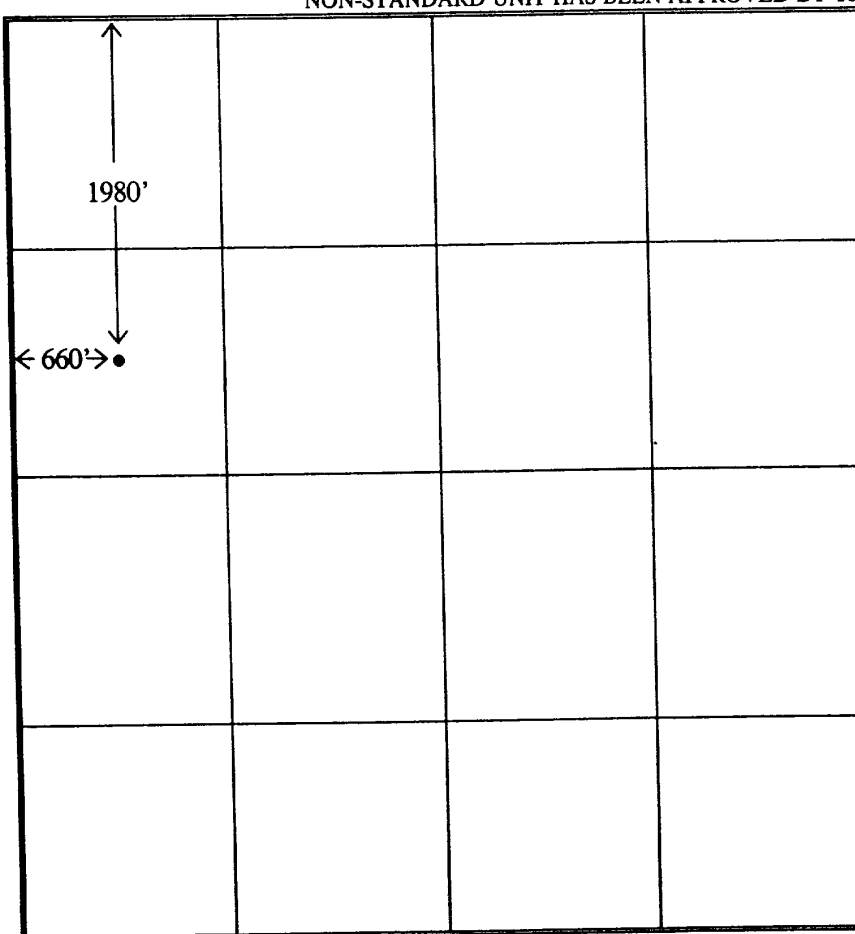
¹⁰ Surface Location

UL or lot no. E	Section 12	Township 18S	Range 27E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 660	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <u>Darrell Moore</u> Printed Name: <u>Darrell Moore</u> Title: <u>Env. Mgr.</u> Date: <u>4/15/99</u>			
	¹⁸ SURVEYOR CERTIFICATION 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 belief. Date of Survey Signature and Seal of Professional Surveyer: Well is active. Location was not re-surveyed by Navajo. Certificate Number			

14. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Navajo Refining Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4/12/99
Date

Darrell Moore
Signature
Darrell Moore
Name
Env. Mgr. for Water & Waste
Title
Navajo Refining Company
Company

TELEPHONE
(505) 748-3311

EASYLINK
62905278



N.M. Oil Cons. Division
811 S. 1st Street
ARTEZIA, NEW MEXICO 88210
NAVJO REFINING COMPANY

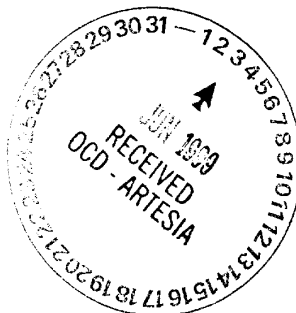
501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159

C/SK

FAX
(505) 746-6410 ACCTG
(505) 746-6155 EXEC
(505) 748-9077 ENGR
(505) 746-4438 P / L

May 10, 1999

Mr. Tim Gumm
State of New Mexico
Energy, Minerals and Natural
Resources Department
Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210



RE: Re-Entry for Navajo Refining Company's Waste Disposal Well No. 2

Dear Mr. Gumm:

Navajo Refining Company (Navajo) has contracted Subsurface Technology, Inc. to re-enter, test and complete Waste Disposal Well No. 2 (WDW-2), formerly the Chukka Federal No. 2 operated by The Eastland Oil Company. The United States Department of the Interior, Bureau of Land Management approved the Application for Permit to Drill or Deepen on April 27, 1999. Subsequent approval from the State of New Mexico Oil Conservation Commission (OCD) was granted on Tuesday, May 4, 1999.

Navajo initiated field operations on Wednesday, May 5, 1999. The existing pumping equipment, rods, and tubing were removed from the wellbore. The perforations from 1446 feet to 1462 feet were squeezed using 100 sacks of Class 'H' cement (approximately 50 sacks of cement were displaced into the perforated interval). The cement was allowed to cure and drilled out to a total depth of 1922 feet (KB)(1911 feet below ground level).

On Sunday, May 9, 1999, the 8-5/8 inch surface casing, set from 1955 feet (KB) to surface, was pressure tested for internal mechanical integrity between 1922 feet (KB) and 30 feet (KB) using a packer set at 30 feet. The 8-5/8 inch surface casing was pressure tested to 660 pounds per square inch and monitored at the surface for one hour (Attachment A). The fluid used for testing was a clean fresh water fluid. A pressure loss of 1 psi (0.15%) was observed during the first 30 minutes of the test. A pressure loss of 2 psi (0.30%) was observed during the last 30 minutes of the test. The results from the pressure test confirmed internal mechanical integrity of the 8-5/8 inch surface casing from 1922 feet (KB) to 30 feet (KB).

[Handwritten signature]

An Independent Refinery Serving . . .
NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO

The 8-5/8 inch surface casing was originally set in an 11 inch open-hole to a depth of 1955 feet (KB) and cemented to surface using 700 sacks of Class 'H' cement with 2% gel and 100 sacks of Class 'H' neat. A total of 200 sacks of cement was recorded circulated to surface. The calculated volume between an 11 inch hole and 8-5/8 inch casing is (0.2407 cubic feet per foot X 1955 feet) 471 cubic feet. The volume of cement pumped is (1.18 cubic feet per sack X 800 sacks) 944 cubic feet for an excess of 473 cubic feet or 400 sacks circulated to surface. The calculated volume of cement and apparent volume of actual cement pumped indicated excess cement was circulated to surface.

On Sunday, May 9, 1999, Halliburton Logging Services completed a cement bond and microseismogram (same as a variable density log) logging survey within the 8-5/8 inch casing from a wireline total depth of 1919 feet (KB) to the surface (Attachment B). The results from the survey indicate a continuous column of cement from 1922 feet to surface with good bonding characteristics. The cement behind the 8-5/8 inch casing will provide an effective hydraulic seal to prevent the movement of groundwater fluids into the underground source of drinking water with a base at 473 feet.

Please review and approve the pressure testing and cement bond log results at your earliest convenience. Navajo will proceed with the mobilization of the drilling rig Wednesday, May 12, 1999 and begin re-entry of the WDW-2 wellbore according to the approved drilling program. Navajo will periodically contact the OCD, Artesia office with a status update of the re-entry operations. The Bureau of Land Management will be notified in sufficient time for a representative to witness the cementing of the 5-1/2 inch protection casing.

Should you have any questions or concerns, please call me at (505) 748-3311.

Sincerely yours,



Darrell Moore
Environmental Manager for Water and Waste

c: Mr. David Glass
Bureau of Land Management
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

Mr. Brian Rogers
Subsurface Technology, Inc.
7020 Portwest, Suite 100
Houston, Texas 77024

File: Injection Wells

APPROVED

JUN 02 1999

(ORIG. SGD.) DAVID B. GLASS
AUTHORIZED OFFICER, MINERALS
BUREAU OF LAND MANAGEMENT

**SUBJECT TO
LIKE APPROVAL
BY STATE**



Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401
Midland, Texas 79701

RECEIVED

JUN 04 1999

June 2, 1999

SUBSURFACE TECHNOLOGY, INC.

Drilling Department
Subsurface Construction Corporation
7020 Port West, Ste 100
Houston, TX 77024

RE: Inclination Report
Navajo WDW-2
Sec 12; T-18-S; R-27-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

2898' - 0.25
3838' - 0.25
4783' - 0.50
6106' - 0.75
6633' - 0.50

Sincerely,

Rebecca Edwards

Rebecca A. Edwards
Administrative Assistant

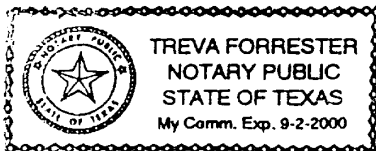
STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 2nd day of June, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

Treva Forrester

NOTARY PUBLIC



INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy		T. Canyon	8390
T. Salt		T. Strawn	8894
B. Salt		T. Atoka	
T. Yates		T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	2005	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo	5506	T.	
T. Wolfcamp	6728	T.	
T. Penn		T.	
T. Cisco (Bough C)	7645	T.	

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzite
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Federal Well

WELL API NO.
30-015-20894
5. Indicate Type of Lease
STATE ☐ FEE ☒ Federal
State Oil & Gas Lease No. NM 6852

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 <u>Class I Waste Disposal Well</u>		7. Lease Name or Unit Agreement Name Navajo Refining Company WDW-2
b. Type of Completion: NEW <input type="checkbox"/> WORK <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR. <input checked="" type="checkbox"/> OTHER - <u>Recovery</u>		8. Well No. WDW-2
2. Name of Operator Navajo Refining Company		9. Pool name or Wildcat L. Wolfcamp-Cisco-Canyon Injection Zone <u>Navajo Permo-Penn</u>
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211		
4. Well Location Unit Letter <u>E</u> 1980 Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line		
Section <u>12</u> Township <u>18 South</u> Range <u>27 East</u> NMMP Eddy County		
10. Date Spudded July 18, 1973	11. Date T.D. Reached August 27, 1973	12. Date Compl. (Ready to Prod.) June 8, 1999
13. Elevations (DF& R(B. RT, GR, etc.) 3607 feet GL, 3623 feet RKB		14. Elev. Casinghead 3609 feet GL
15. Total Depth 10,372 feet	16. Plug Back T.D. 8770 feet	17. If Multiple Compl. How Many Zones? 1
18. Intervals Drilled By All		19. Rotary Tools N/A
19. Producing Interval(s), of this completion - Top, Bottom, Name L. Wolfcamp-Cisco-Canyon		20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Fracture Finder and Caliper Logs, Dual Induction Laterolog, Compensated Neutron Formation Density		22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	N/A	40'	N/A	N/A	None
8-5/8"	32	1995'	11"	800 sacks circulated	None
5-1/2"	17	8869'	7-7/8"	1570 sacks circulated	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					3-1/2"	7528'	7528'

26. Perforation record (interval, size, and number) 7570' to 7620', 7676' to 7736', 7826' to 7834', 7858' to 7880', 7886' to 7904', 7916' to 7936', 7944' to 7964', 7990' to 8042', 8096' to 8116', 8191' to 8201', 8304' to 8319', 8395' to 8399' (2 jspf for total of 598 holes).	DEPTH INTERVAL 7570' to 8399'	AMOUNT AND KIND MATERIAL USED 10,000 gallons of 15% HCl, plus 4600 pounds of rock salt as diverter

PRODUCTION

Date First Production N/A		Production Method (Flowing, gas lift, pumping - Size and type pump) N/A		Well Status (Prod. or Shut-in) N/A			
Date of Test N/A	Hours Tested N/A	Choke Size N/A	Prod'n For Test Period	Oil - Bbl --	Gas - MCF --	Water - Bbl. --	Gas - Oil Ratio --
Flow Tubing Press. --	Casing Pressure --	Calculated 24-Hour Rate	Oil - Bbl. --	Gas - MCF --	Water - Bbl. --	Oil Gravity - API - (Corr.) --	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) N/A						Test Witnessed By	

30. List Attachments

Deviation Report

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

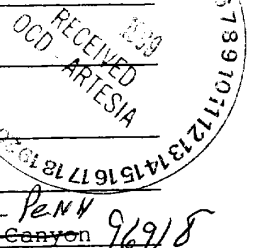
Signature Darrell Moore Printed Name Darrell Moore Title Env. Mgr. Date 7/14/99

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2634
(See other instructions on back)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

DESIGNATION AND SERIAL NO.
NM 6852
6. IF INDIAN, ALLOTTEE OR TRIBE NAME



7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

WDW-2

9. API WELL NO.

30-015-20894

10. FIELD AND POOL OR WILDCAT

Navajo Permian - Penn
L. Wolfcamp-Cisco Canyon 969/8

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

Section 12, Township 18 South
Range 27 East, Unit Letter E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ ☒ Other Class I Waste Disposal Well

1b. TYPE OF COMPLETION: NEW WELL ☐ DEEPEN ☐ PLUG BACK ☐ DIFF-GENVR ☐ ☒ Other Reentry

2. NAME OF OPERATOR Navajo Refining Company

3. ADDRESS AND TELEPHONE NO. Post Office Box 159, Artesia, New Mexico 88211

4. LOCATION OF WELL At surface 1980' FNL and 660' FWL Unit Letter E

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

WDW-2

DATE ISSUED

April 27, 1999

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

7-18-73

16. DATE T.D. REACHED

8-27-73

17. DATE COMP (Ready to prod.)

6-8-99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3607' GL; 3623' RKB

19. ELEV. CASINGHEAD

3609' GL

20. TOTAL DEPTH, MD & TVD

10,372' TVD

21. PLUG, BACK T.D., MD & TVD

8770'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

--

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM NAME (MD AND TVD)*

L. Wolfcamp-Cisco-Canyon

25. WAS DIRECTIONAL SURVEY MADE?

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Fracture Finder and Caliper Logs,
Dual Induction Laterlog, Compensated Neutron, Formation Density

No

CASING RECORD

(Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	N/A	40'	N/A	Surface	None
8-5/8"	32	1995'	11	Surface, 800 sx ClH	None
5-1/2"	17	8869'	7-7/8"	Surface, 1570 sx ClH and ClC	None

LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3-1/2"	7528'	7528'

31. PERFORATION RECORD (Interval, size and number)

7570'-7620', 7676'-7736', 7826'-7834'
7858'-7880', 7886'-7904', 7916'-7936'
7944'-7964', 7990'-8042', 8096'-8116'
8191'-8201', 8304'-8319', 8395'-8399'
(2 ispf for total of 598 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7570' to 8399'	10,000 gallons 15% HCl, plus 4600 pounds of rock salt as diverter

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (Producing or shut-in)	
N/A		N/A				N/A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
N/A	N/A	N/A		ACCEPTED FOR RECORD		--	--
FLOW, TUBING PRESS	CASING PRESSURE	24-HOUR RATE CALCULATED	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORE)	
N/A	N/A		--	JUL 29 1999		--	--
TEST WITNESSED BY							

34. DISPOSITION OF (Solid, used for fuel, vented, etc.)

N/A

35. LIST OF ATTACHMENTS

Deviation Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED David M. Moore TITLE Env. Mgr. DATE 7/19/99

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



Patterson Drilling Company

410 N. Loraine Street — (915) 682-9401
Midland, Texas 79701

RECEIVED
1999 JUL 21 10 23 AM
BUREAU OF LAND MGMT.
WILDLAND RESOURCE AREA

RECEIVED

JUN 04 1999

SUBSURFACE TECHNOLOGY, INC.

June 2, 1999

Drilling Department
Subsurface Construction Corporation
7020 Port West, Ste 100
Houston, TX 77024

RE: Inclination Report
Navajo WDW-2
Sec 12; T-18-S; R-27-E

Gentlemen:

The following is an inclination survey on the above referenced well located in Eddy County, New Mexico:

2898' - 0.25
3838' - 0.25
4783' - 0.50
6106' - 0.75
6633' - 0.50

Sincerely,

Rebecca Edwards

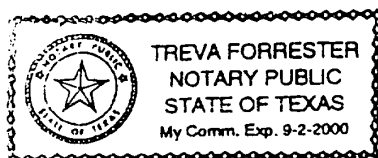
Rebecca A. Edwards
Administrative Assistant

STATE OF TEXAS)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 2nd day of June, 1999 by Rebecca A. Edwards.

MY COMMISSION EXPIRES:

Treva Forrester
NOTARY PUBLIC



TELEPHONE
(505) 748-3311

EASYLINK
62905278



REFINING COMPANY

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159

July 19, 1999

FAX

(505) 746-6410 ACCTG
(505) 746-6155 EXEC
(505) 748-9077 ENGR
(505) 746-4438 P / L

Mr. James Amos
United States Department of the Interior
Bureau of Land Management
P.O. Box 1778
Roswell, NM 88220

RE: Well Completion Report for Navajo's WDW-2i in E-12-T18S, R27E

Dear Mr. Amos,

Enclosed, please find two (2) copies of form OMB Form 1004-0137 pertaining to our WDW-2 injection well. If there are any questions concerning this submission, please call me at 505-748-3311. Thank you for your time in this matter.

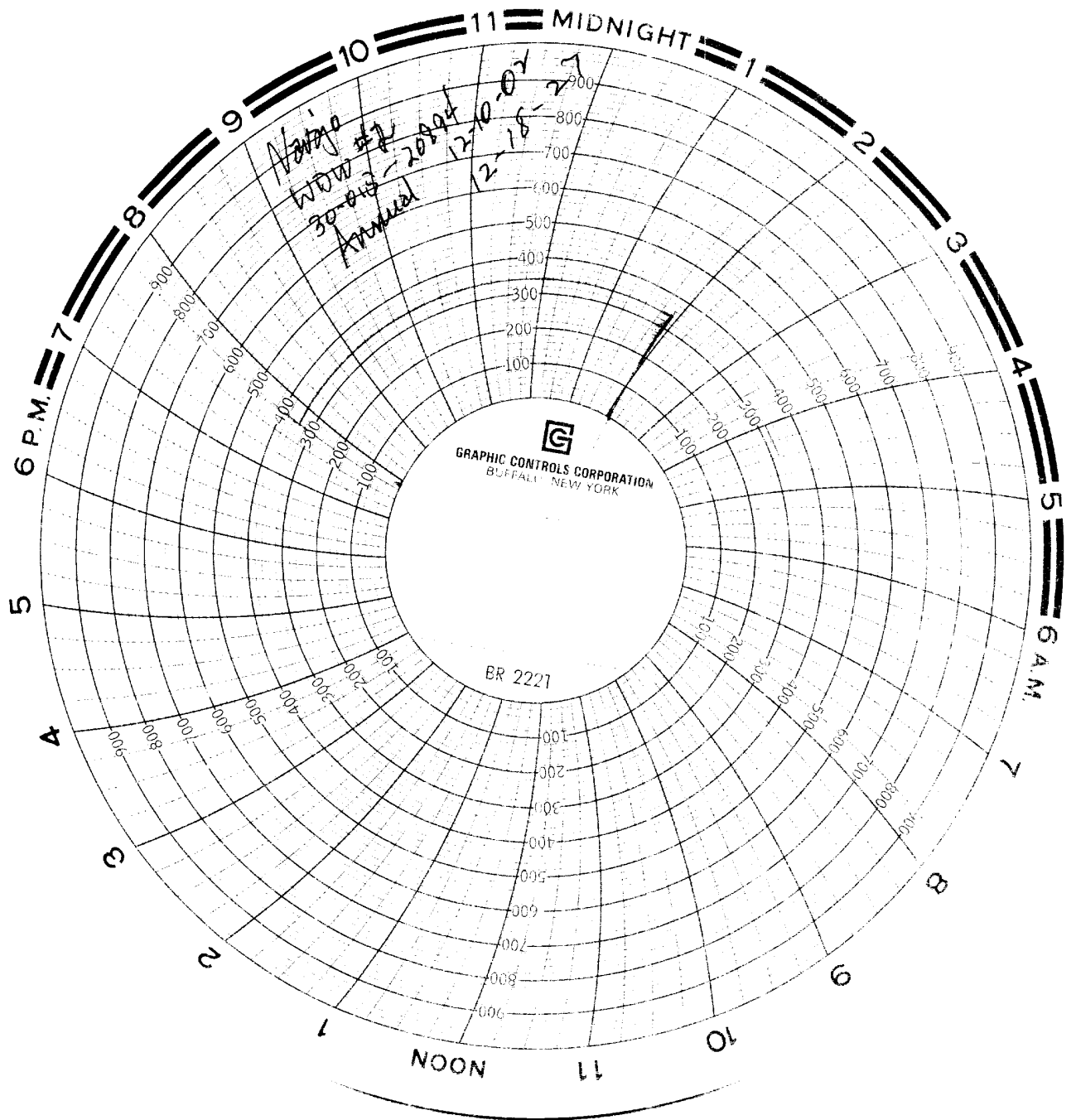
Sincerely,
NAVAJO REFINING COMPANY

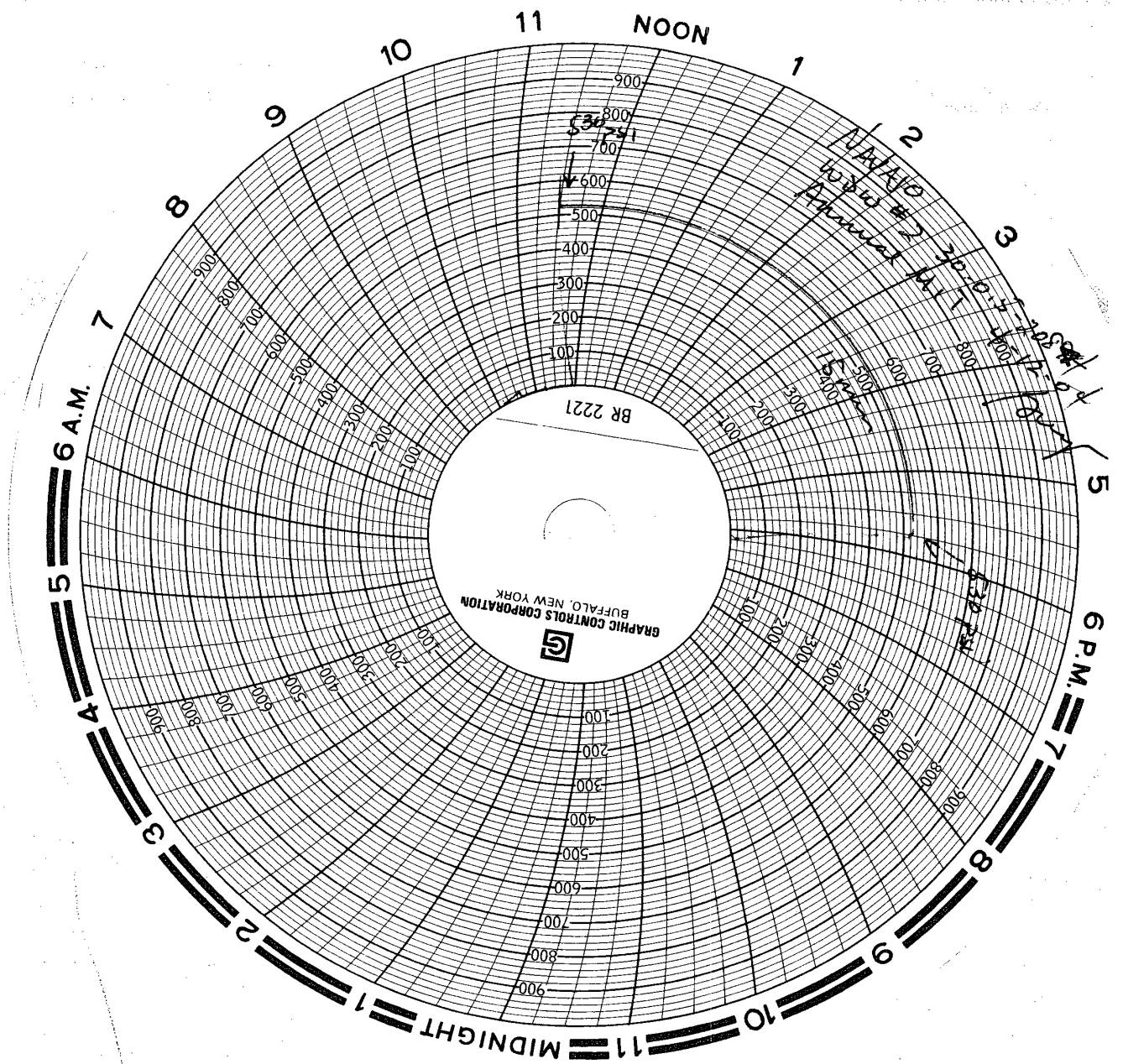
Darrell Moore
Environmental Mgr. for Water and Waste

Encl.

RECEIVED
1999 JUL 21 A 10:23
BUREAU OF LAND MGMT.
LAND RESOURCE AREA

An Independent Refinery Serving . . .
NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO

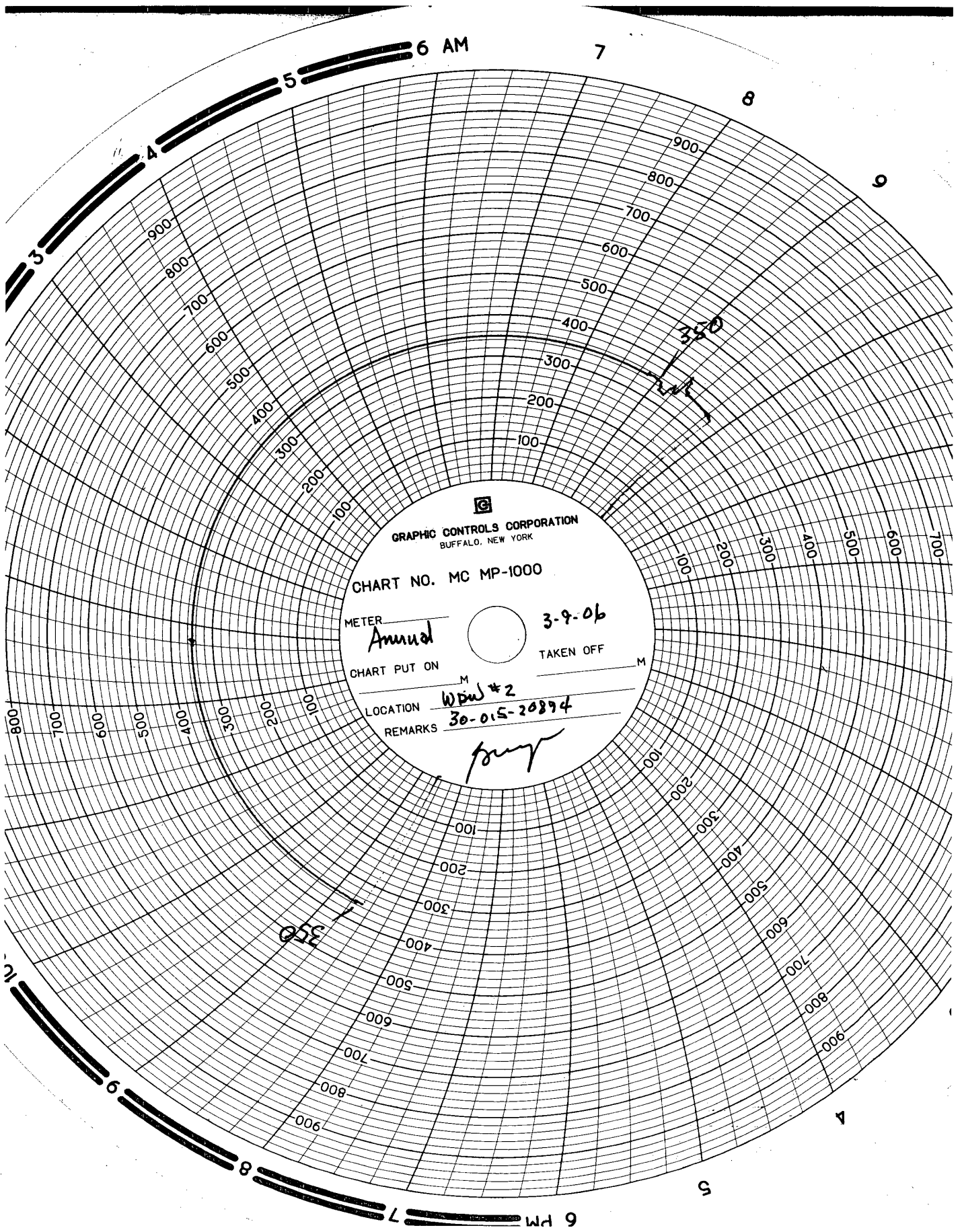




RECEIVED

APR 15 2004

06B-ARTESIA



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER Annual

3-9-06

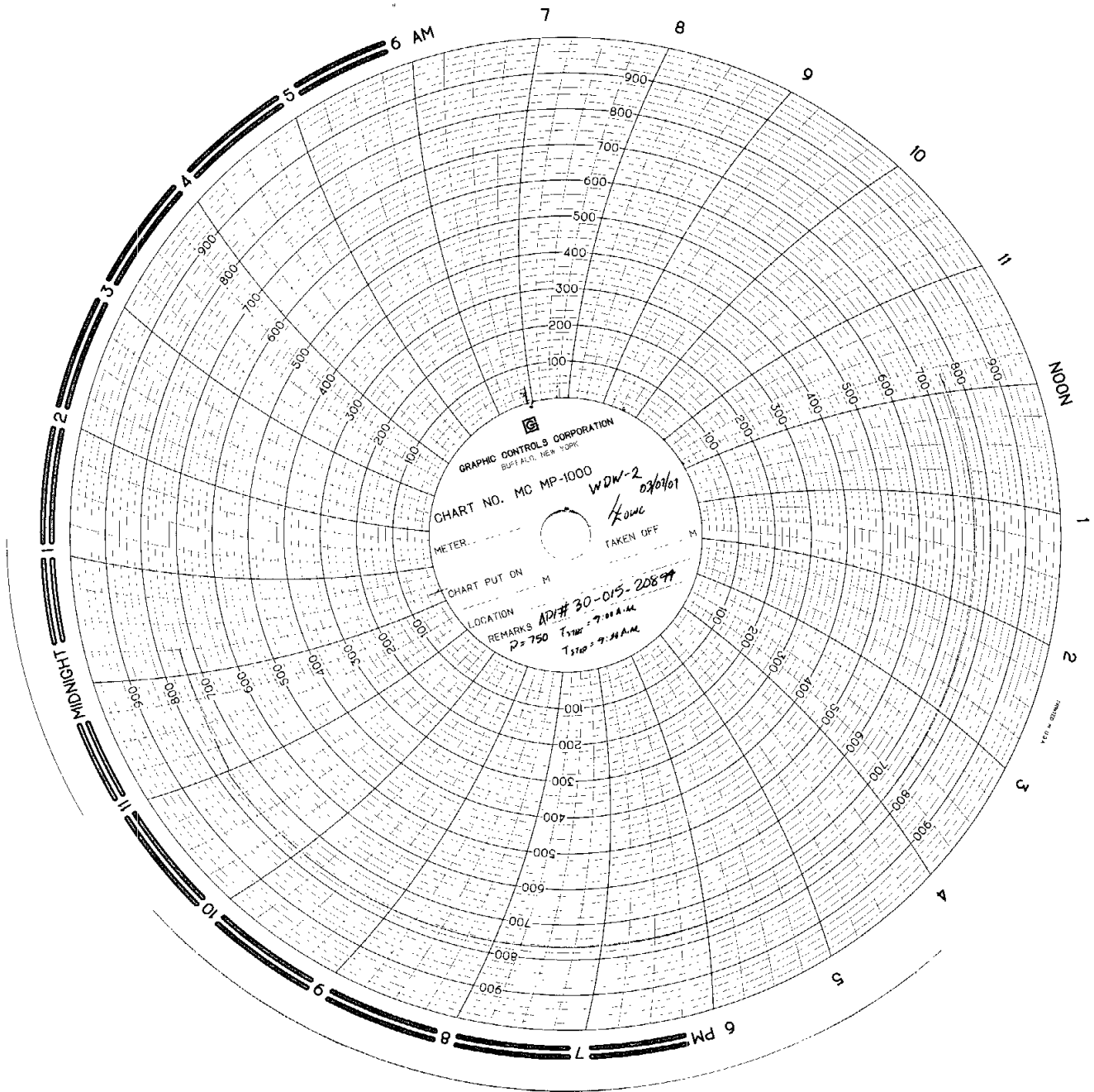
CHART PUT ON

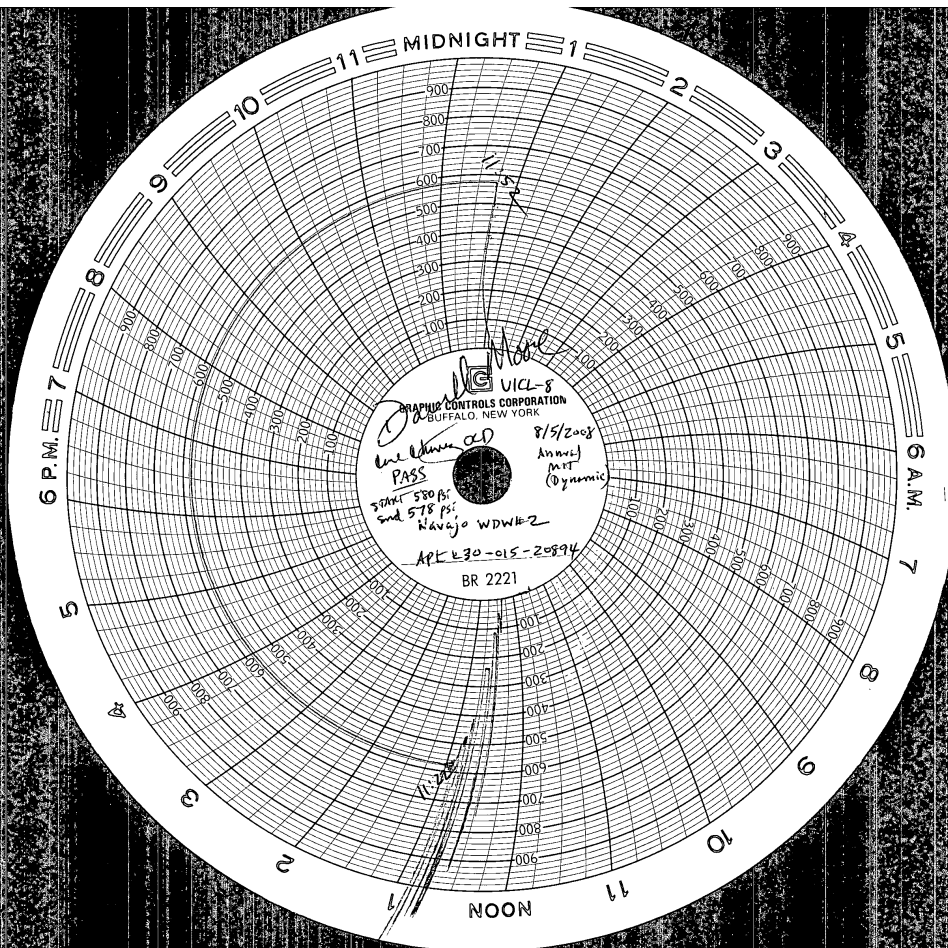
TAKEN OFF

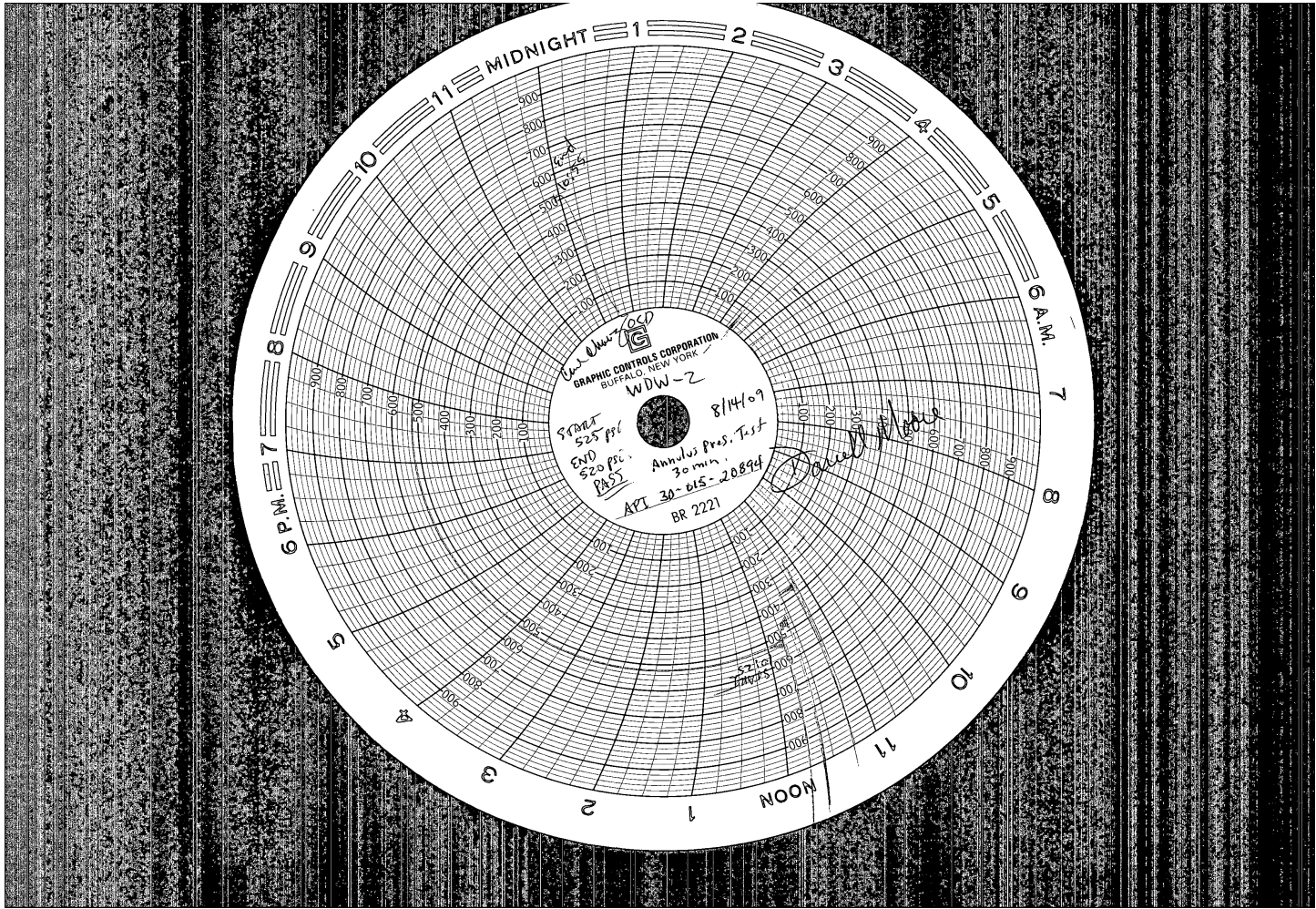
LOCATION WPU #2

REMARKS 30-015-20894

[Handwritten signature]







Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, August 12, 2010 1:55 PM
To: 'Moore, Darrell'; Dade, Randy, EMNRD
Cc: Lackey, Johnny
Subject: RE: Mechanical Integrity Tests

Darrell:

OCD confirms that the annual MITs performed on WDW-1 (UICI-8) and WDW-2 (UICI-8-1) passed.

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Moore, Darrell [<mailto:Darrell.Moore@hollycorp.com>]
Sent: Thursday, August 12, 2010 10:39 AM
To: Chavez, Carl J, EMNRD; Dade, Randy, EMNRD
Cc: Lackey, Johnny
Subject: MIT's

Carl

Attached, please find the charts for the MIT's that were performed on our Injection wells WDW-1 and WDW-2 today. Both wells passed the Mechanical Integrity Tests with no drop off in pressure. As you know, the MIT on WDW-3 was performed earlier in the year and was submitted to OCD. In addition, there was no pressure on either of the well's bradenhead. If there are any questions concerning this submission, please call me or email me. Thank you.

Darrell Moore
Environmental Manager for Water and Waste
Navajo Refining Company, LLC
Phone Number 575-746-5281
Cell Number 575-703-5058
Fax Number 575-746-5451

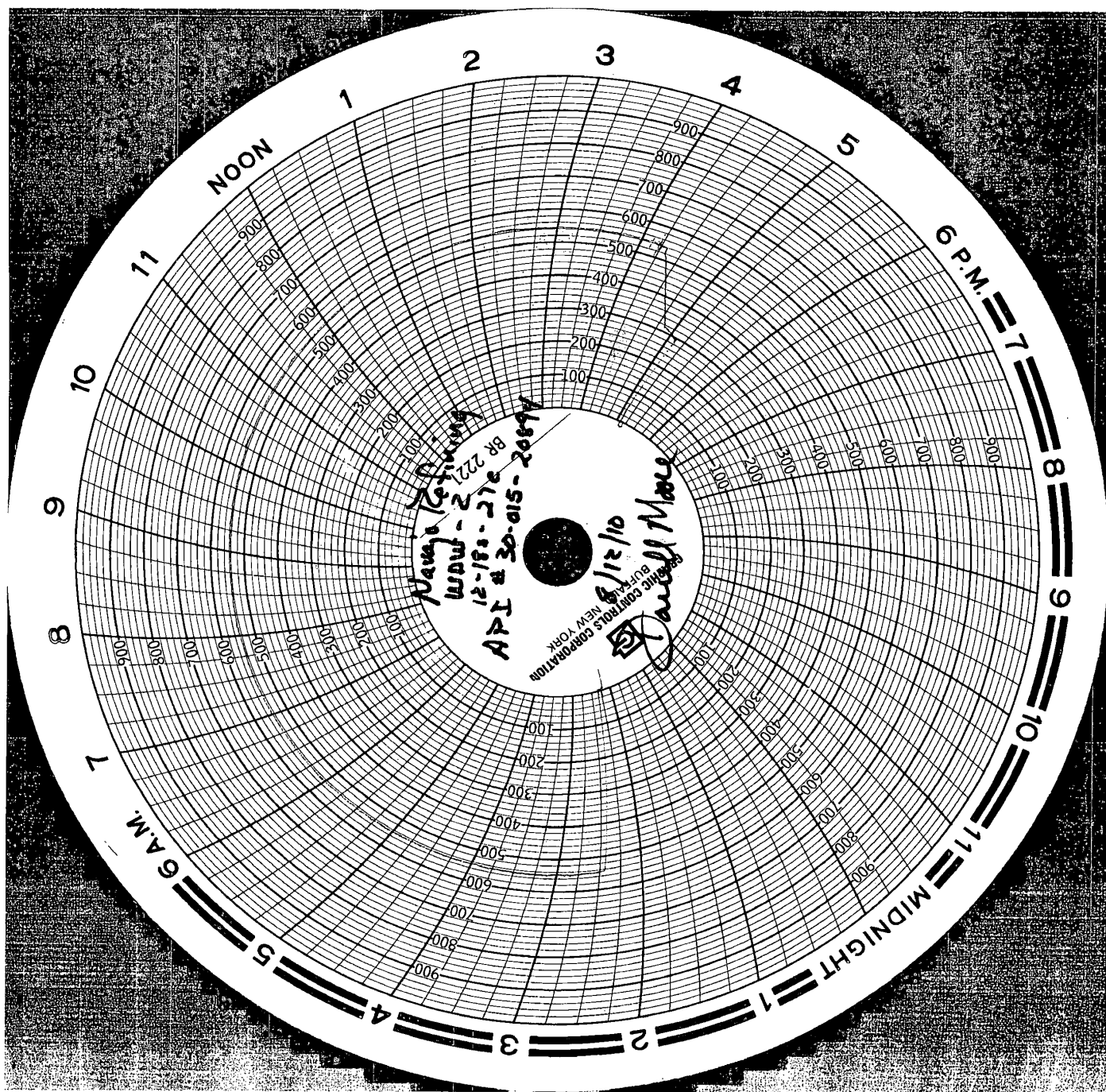
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Chavez, Carl J, EMNRD

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Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Moore, Darrell [mailto:Darrell.Moore@hollycorp.com]
Sent: Thursday, August 12, 2010 10:39 AM
To: Chavez, Carl J, EMNRD; Dade, Randy, EMNRD
Cc: Lackey, Johnny
Subject: MIT's

Carl

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Darrell Moore
Environmental Manager for Water and Waste
Navajo Refining Company, LLC
Phone Number 575-746-5281
Cell Number 575-703-5058
Fax Number 575-746-5451

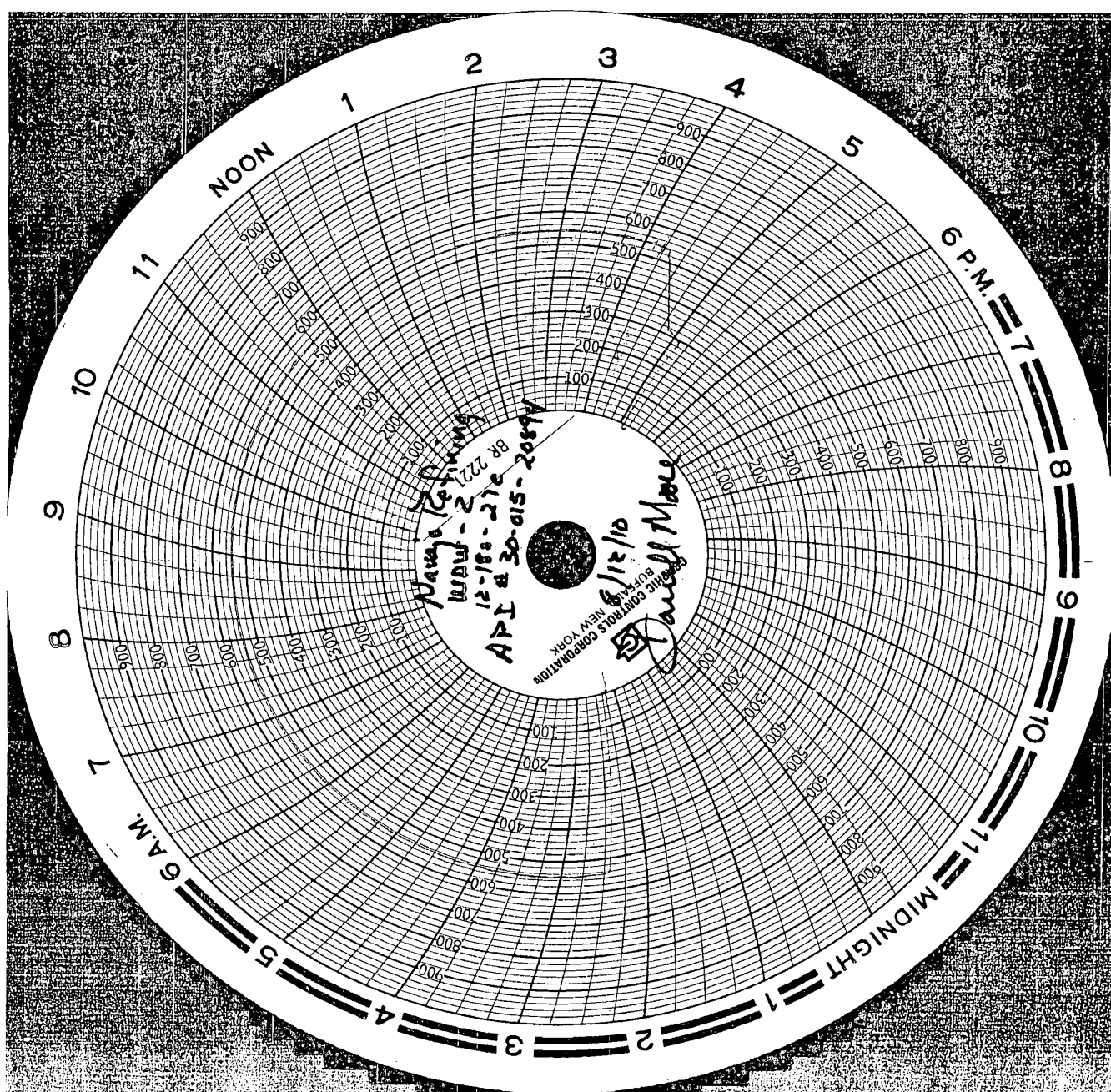
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Submit 1 Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N French Dr, Hobbs, NM 88240
District II – (575) 748-1283
811 S First St, Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd, Aztec, NM 87410
District IV – (505) 476-3460
1220 S St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-20894
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 6852
7. Lease Name or Unit Agreement Name Chukka WDW-2
8. Well Number WDW-2
9. OGRID Number
10. Pool name or Wildcat Navajo Permo-Penn 96918

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well	
2. Name of Operator Navajo Refining Company	
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211	
4. Well Location Unit Letter E : 1980 feet from the North line and 660 feet from the West line Section 12 Township 18S Range 27E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3607' GL, 3623' RKB	

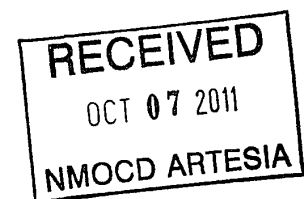
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: PERFORM PRESSURE FALLOFF TEST, ANNULUS PRESSURE TEST <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

October 17, 2011 – Perform an annulus pressure test with an initial pressure of 600 psig and run the test for 30 minutes. Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.
October 18, 2011 – Continue injection into all three wells.
October 19, 2011 – At 12:15pm, the offset wells WDW-1 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-2 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.
October 20, 2011 – At 7:00pm, WDW-2 will be shut in for a 30-hour falloff period. WDW-1 and WDW-3 will remain shut-in.
October 21, 2011 – All three wells will continue to be shut in while monitoring falloff pressure in all three wells.
October 22, 2011 – At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of the WDW-2 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

RDade 10/11/11
Accepted for record
NMOCD



Spud Date:

Rig Release Date:

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

SIGNATURE Timothy Jones TITLE Project Engineer DATE 10/3/2011
Type or print name Timothy Jones E-mail address: jjones@subsurfacegroup.com PHONE: 713-880-4640
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Submit 1 Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-20894
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Navajo Refining Company		6. State Oil & Gas Lease No. 6852
3. Address of Operator Post Office Box 159, Artesia, New Mexico 88211		7. Lease Name or Unit Agreement Name Chukka WDW-2
4. Well Location Unit Letter E : 1980 feet from the North line and 660 feet from the West line Section 12 Township 18S Range 27E NMPM County Eddy		8. Well Number WDW-2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3607' GL, 3623' RKB		9. OGRID Number
		10. Pool name or Wildcat: Navajo Permo-Penn 96918

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: PERFORM PRESSURE FALLOFF TEST, ANNULUS PRESSURE TEST <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
---	---

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

October 17, 2011 – Perform an annulus pressure test with an initial pressure of 600 psig and run the test for 30 minutes. Install bottomhole gauges into WDW-1, WDW-2, and WDW-3 by 11:45am. Continue injection into all three wells.
October 18, 2011 – Continue injection into all three wells.
October 19, 2011 – At 12:15pm, the offset wells WDW-1 and WDW-3 will be shut-in. A constant injection rate will be established for WDW-2 and continue for a 30 hour injection period. Do not exceed 1000 psig wellhead pressure.
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October 21, 2011 – All three wells will continue to be shut in while monitoring falloff pressure in all three wells.
October 22, 2011 – At 7:00am, acquire downhole pressure gauges from all three wells. Tag bottom of fill and come out of hole very slowly, making 7-minute gradient stops while coming out of the WDW-2 every 1000 feet (7000 ft, 6000 ft, 5000 ft, 4000 ft, 3000 ft, 2000 ft, 1000 ft, surface). Run in hole with a temperature tool and conduct temperature survey from the surface to the top of the fill. Turn the wells back to Navajo personnel.

Spud Date:

Rig Release Date:

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

SIGNATURE Timothy Jones TITLE Project Engineer DATE 10/3/2011
Type or print name Timothy Jones E-mail address: jjones@subsurfacegroup.com PHONE: 713-580-4640
For State Use Only

APPROVED BY: Carl J. Chavez TITLE Environmental Engineer DATE 10/19/2011
Conditions of Approval (if any): See E-mail conditions dated 10/19/2011 attached to WDW-1.

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, October 19, 2011 4:06 PM
To: 'Moore, Darrell'
Cc: Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD; Dade, Randy, EMNRD
Subject: Navajo Refining Company UIC Class I (NH) Injection Wells WDWs 1, 2 & 3 (UICI-008) Fall Off Test Plan (August 2011)

Darrell:

The New Mexico Oil Conservation Division (OCD) is in receipt of your above subject test plan. OCD has already approved the Fall-Off Test (FOT) Plan with conditions on July 28, 2009. The OCD notes that it is also in the process of reviewing C-103s Sundry Notices for the upcoming FOTs.

OCD observes some changes in this FOT Plan submittal that are not acceptable to the OCD. For example, Exhibit 1 is not an acceptable exhibit to the OCD for reasons specified in the 2010 FOT report review and later during the May 2011 meeting in Santa Fe. However, the operator continues to submit exhibits with certain assumptions that have not been accepted or approved by the OCD; i.e., that the injection wells are show interconnection with the injection zone during past FOTs. Perhaps the operator can conduct the 2011 FOT with the information and exhibits needed to prove the interconnection of injection wells with the injection zone? The Certified PE should provide the exhibits in the 2011 FOT Report with the analysis and conclusions supporting any claims for the OCD to review and consider before approving. This is apparently a FOT frequency per well issue that the operator is attempting to prove.

The OCD provides the following comments, observations, and/or recommendations on the above subject plan below.

Comments:

- The OCD approved the original Fall-Off Test (FOT) Plan based on OCD Guidance dated December 3, 2007. There should not be any significant changes to this FOT Plan because it is flexible where needed to allow operators to implement it on each injection well.
- OCD likes to be notified to witness the installation of bottom hole gauges and to be present at least one hour before injection shut-off and commencement of FOT monitoring.
- OCD is concerned about the Section VI No. 1(e) WDW-3 Cement Bond Log quality being poor from 900 ft. to 1200 ft- especially at the depths: 2662 – 2160; 4876 – 5372; and 6750 – 7600 ft. micro annulus scenario.

Observations:

- Section V No. 2: The objective of the FOT is NOT to achieve or limit a 100 psig pressure differential before vs. after FOT injection vs. shut-off, but it is a minimum pressure differential that OCD stipulates in its guidance for a successful FOT and injection zone that may still continue to be utilized for disposal, i.e., not too pressured up and subject to continued fracturing under daily allowed maximum surface injection pressure operational limits.
- Section V No. 7 and Exhibit 1: OCD observes a bottom hole pressure chart for WDWs 1, 2 and 3 at 7660 feet that the operator presented in the 2010 FOT and again during a May 2011 meeting in Santa Fe, New Mexico to show the interconnection between injection wells and the injection formation. The OCD had commented that there was no explanation or conclusion provided from the Certified PE who conducted and completed the 2010 FOT report that supports the operator's claim that all injection wells are interconnected based on Exhibit 1.

Furthermore, the OCD requested a statement or information supporting the operator's claim by the Certified PE, but never received one. At the meeting, the OCD explained that based on Exhibit 1, there was no support for the claim. In order to make the interconnection determination, during each FOT at each well and off-set injection wells (WDWs not being FOT'd) before and throughout the FOT would need bottom hole pressures monitored in tandem at each well location to establish the interconnectivity of the injection wells with the receiving injection formation under a uniform time scale. This would be a chart that could be plotted that would show during the test the interconnectivity of the wells for each FOT. The OCD doubts that the operator can make the case for interconnectivity between injection wells and injection formation because of the significant distance between the injection wells and fact that sedimentation in formation varies laterally and uniformity in sedimentation, saturated porosity and permeability due to variation in sedimentation would by chance make the injection formation aerially extensive and uniform over a 3 to 5 mile radius from each injection well. Also, even if by chance there was

uniformity over the mileage specified, the distance between injection wells and corresponding pressure would likely not be observed.

- Exhibit 6: OCD observes in Section B a proposed MIT once every 5 years. OCD's UIC Program requires annual MITs and/or after down hole work is performed on a well.

Recommendations:

- Operator is running survey logs to the bottom of fill or below USDW (fresh water) zones, which excludes an evaluation of casing in the fresh water zone. Please run logs up to surface.
- Be sure to also record and provide injection flow rate and pressure leading up to shut-off and monitoring throughout the FOT monitoring period. OCD needs to confirm that a pseudo steady-state condition was achieved before shut-off. This data is also needed for software modeling of the FOT.
- Please provide electronic data from the FOTs at each well in order for the OCD to run its software model to confirm the results in the report.
- Section V No. 13: Surface pressure monitoring and Horner Plot during injection should be used to confirm radial flow condition is achieved instead of waiting a set period if operator wishes to reduce the injection period.

Disclaimer: *Please be advised that OCD has already approved with conditions Navajo Refining Company's Fall-Off Test (FOT) Plan on July 28, 2009, and is not providing approval of this FOT Plan; however, comments, observations and recommendations herein should help Navajo Refining Company understand the OCD's concerns based on the submittal.*

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462

E-mail: CarlJ.Chavez@state.nm.us

Website: <http://www.emnrd.state.nm.us/ocd/>

"Why not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward with the Rest of the Nation?" To see how, go to "Pollution Prevention & Waste Minimization" at:
<http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>)

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1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

WELL API NO. 30-015-20894
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BLM
8. Well Number WDW-2
9. OGRID Number
10. Pool name or Wildcat Lwr Wolfcamp-Cisco-Canyon Inj. Zone

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other (Class 1 NH Injection Well)

2. Name of Operator
Navajo Refining Company L.L.C.

3. Address of Operator
501 East Main Street, Artesia, NM

4. Well Location

Unit Letter: 1980 feet from the North line and 660 feet from the West line

Section 12 Township 18 S Range 27 E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GL: 3,607 feet, RKB: 3,6223 feet

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Navajo proposes to add perforations in the existing injection interval at 7800 feet - 7830 feet, 8050 feet - 8290 feet. These perforations would be added in the existing, approved, injection interval in Chukka WDW-2.

NOTE: Work is proposed to be performed in July 2013.

Spud Date:

Rig Release Date:

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

SIGNATURE Timothy Jones TITLE Project Engineer DATE 6-13-2013

Type or print name Timothy Jones E-mail address: tjones@subsurfacegroup.com
PHONE: 713-880-4640

For State Use Only

APPROVED BY: Carol Chavez TITLE Environmental Engineer DATE 6/18/2013
Conditions of Approval (if any):

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-20894
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (Class 1 NH Injection Well) <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Navajo Refining Company L.L.C.		6. State Oil & Gas Lease No.
3. Address of Operator 501 East Main Street, Artesia, NM		7. Lease Name or Unit Agreement Name BLM
4. Well Location Unit Letter: 1980 feet from the North line and 660 feet from the West line Section 12 Township 18 S Range 27 E NMPM County Eddy		8. Well Number WDW-2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3,607 feet, RKB: 3,6223 feet		9. OGRID Number
		10. Pool name or Wildcat Lwr Wolfcamp-Cisco-Canyon Inj. Zone

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

A caliper survey will be conducted on the 3-1/2-inch injection tubing. The caliper survey is scheduled to be performed on June 19, 2013.

Navajo will conduct an acid stimulation of the injection interval in the WDW-2 to increase injectivity into the permitted injection zone. The stimulation fluid will consist of 20,244 gallons of 15% HCl acid injected into the perforated interval of 7,270 to 8,894 feet RKB. The acid will be injected into the well using coil tubing equipment.

NOTE: Work is expected to be performed in June and July 2013.

Spud Date:

Rig Release Date:

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

SIGNATURE Timothy Jones TITLE Project Engineer DATE 6-13-2013

Type or print name Timothy Jones E-mail address: tjones@subsurfacegroup.com
PHONE: 713-880-4640

For State Use Only

APPROVED BY: Corey Churley TITLE Environmental Engineer DATE 6/18/2013
Conditions of Approval (if any):

SUBSURFACE

NAVAJO REFINING COMPANY

Map ID No. 35

Artificial Penetration Review

OPERATOR Yates Petroleum Co.

STATUS New Gas

LEASE Violet Blv State Com

LOCATION Sec. 14 -T18S-R27E

WELL NUMBER 1

MUD FILLED BOREHOLE NA

DRILLED NA

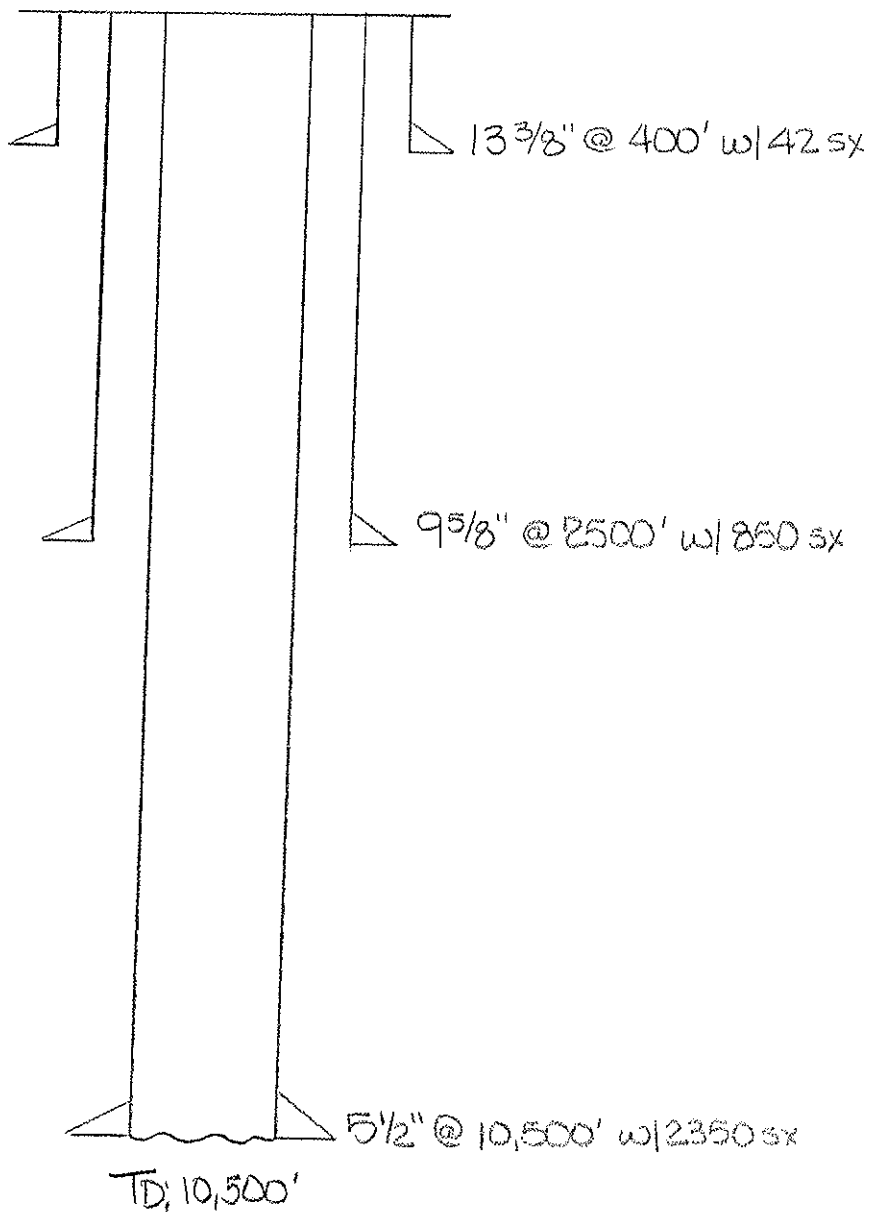
TOP OF INJECTION ZONE NA

PLUGGED NA

API NO. 30-015- 40187

REMARKS: Not yet drilled. Proposed 10,500'

Proposed Casing



District I
1625 N French Dr, Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720

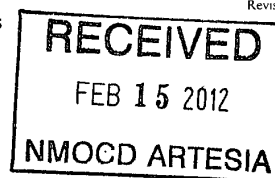
District II
811 S First St, Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170

District IV
1220 S St Francis Dr, Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised December 16, 2011



Permit

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-015-40187
⁴ Property Code 35452	⁵ Property Name Violet BIV State Com	⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	14	18S	27E	A	660	North	990	East	Eddy

⁸ Pool Information

Wildcat Chester	97825
-----------------	-------

Additional Well Information

⁹ Work Type N	¹⁰ Well Type G	¹¹ Cable/Rotary Rotary	¹² Lease Type State	¹³ Ground Level Elevation 3540' GL
¹⁴ Multiple N	¹⁵ Proposed Depth 10,500	¹⁶ Formation Chester	¹⁷ Contractor Not Determined	¹⁸ Spud Date ASAP
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
New	17.5	13.375	48#	400'	425	0
New	12.25	9.625	36#	2500'	850	0
New	8.75	5.5	15.5#	10500'	2350	0

Casing/Cement Program: Additional Comments

--

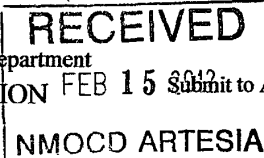
Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000#	5000#	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OGD-approved plan <input checked="" type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature:		Approved By:	
Printed name: Cy Cowan		Title:	
Title: Land Regulatory Agent		Approved Date: 4/18/2012 Expiration Date: 4/18/2014	
E-mail Address: cy@yatespetroleum.com			
Date: 02/14/2012	Phone: 575-748-4372	Conditions of Approval Attached	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 40187	² Pool Code 97825	³ Pool Name WILDCAT; CHESTER
⁴ Property Code 35452	⁵ Property Name VIOLET BIV STATE COM	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name YATES PETROLEUM CORPORATION	⁹ Elevation 3540

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	18-S	27-E		660	NORTH	990	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acre 320 E2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶				990' LAT N32.75293 LON W104.24397	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 02/14/12 Cy Cowan Printed Name
					¹⁸ SURVEYOR CERTIFICATION 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 belief. FEBRUARY 6, 2006 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number 5442 DAN R. REDDY NM PE&PS #5412

SUBSURFACE

NAVAJO REFINING COMPANY

Map ID No. 36

Artificial Penetration Review

OPERATOR Yates Petroleum Co.LEASE Violet BIV State ComWELL NUMBER 1CDRILLED NAPLUGGED NASTATUS Cancelled AppLOCATION Sec. 14 -T18S-R27EMUD FILLED BOREHOLE NATOP OF INJECTION ZONE NAAPI NO. 30-015- 36939

REMARKS:

Proposed TD: 10,500'

District I

1625 N French Dr, Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

FEB 13 2009

Form C-101
June 16, 2001

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE**

Operator Name and Address Yates Petroleum Corporation 105 S 4 th Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-05-36939
³ Property Code 34452 35452	⁵ Property Name Violet BIV State Com	
⁹ Proposed Pool 1 Chester		¹⁰ Proposed Pool 2

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	18S	27E	A	660'	North	990'	East	Eddy

Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
--------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3540'
¹⁶ Multiple N	¹⁷ Proposed Depth 10,500'	¹⁸ Formation Chester	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.12	13 375	48#	400'	425 sx	0
12 25	9 625	36#	2500'	850 sx	0
8 75	5.5	15 5#	10500	2350 sx	0

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill and test the Chester/intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 2500', cement circulated to surface. If commercial, production casing will be run, can cemented, perforated and stimulated as need to gain production.

MUD PROGRAM: 0-400' FW Gel; 400'-2500' Brine Water, 2500'-9600' Cut Brine; 9600'-10500' Salt Gel/Starch/ 4-6%KCL

BOPE PROGRAM: a 5000# BOPE will be installed on the 9.625" casing and tested daily for operational.

Sources at YPC have relayed information to me that they believe there will not be enough H2S found from the surface to the Chester formation to meet the OCD's minimum requirements for the submission of a contingency plan per Rule 118.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature

Printed name

Cy Cowan

Title

Regulatory Agent

E-mail Address

cy@yatespetroleum.com

Date

February 6, 2009

Phone

(575) 748-4372

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

2/23/09

Expiration Date

2/23/2011

Conditions of Approval Attached ☐

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-36939	² Pool Code	³ Pool Name Chester WildCat
⁴ Property Code 35452	⁵ Property Name Violet BIV State Com	
⁷ OGRID No. 025575	⁶ Operator Name Yates Petroleum Corporation	⁸ Well Number 1
		⁹ Elevation 3540'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	18S	27E		660'	North	990'	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 EA	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div>16</div>										<div>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>[Signature]</i> Date: 1/17/08 Cy Cowan, Regulatory Agent Printed Name ¹⁸ SURVEYOR CERTIFICATION 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 belief. Date of Survey Signature and Seal of Professional Surveyor REFER TO ORIGINAL PLAT Certificate Number</div>

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-		² Pool Code	³ Pool Name
⁴ Property Code 35452	⁵ Property Name VIOLET BIV STATE COM		⁶ Well Number 1
⁷ OGRID No. 25575	⁸ Operator Name YATES PETROLEUM CORPORATION		⁹ Elevation 3540

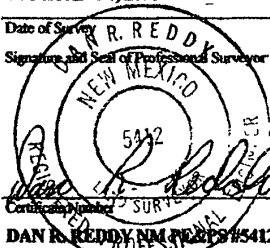
10 Surface Location

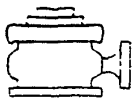
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	18-S	27-E		660	NORTH	990	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acre		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

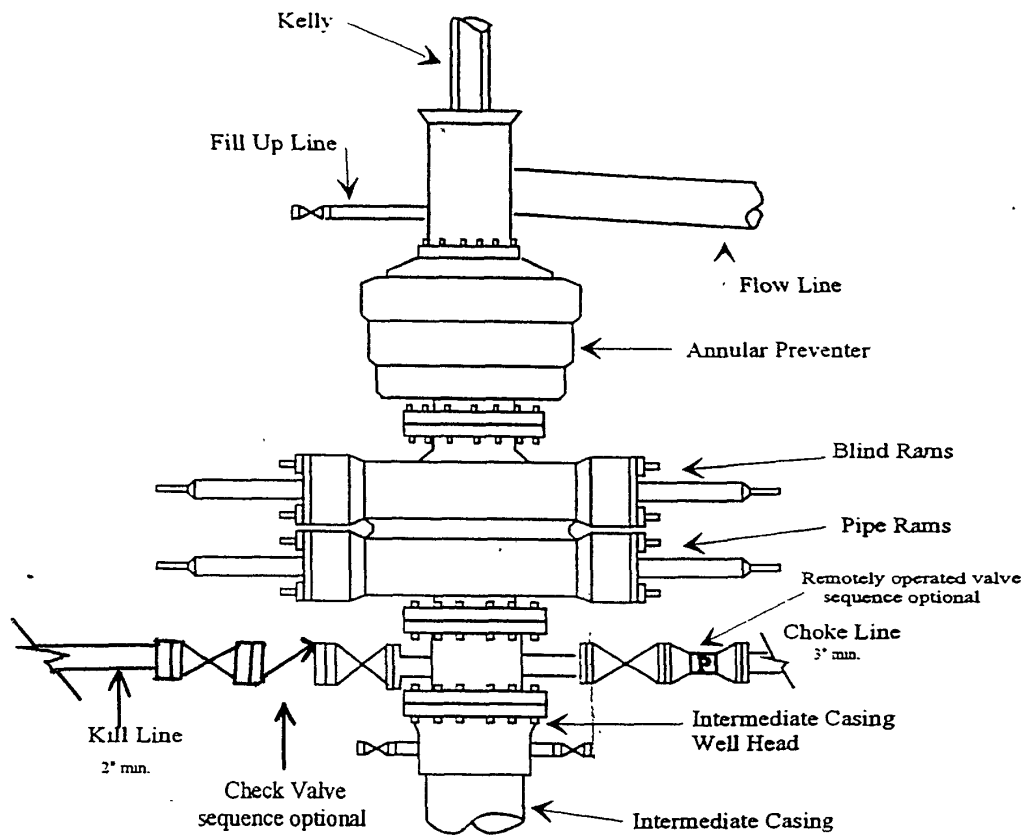
16				990'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Robert L. Callahan</i> Date: _____ Printed Name: <i>Robert L. Callahan</i>
				LAT N32.75293 LON W104.24397	
					18 SURVEYOR CERTIFICATION 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 belief. Date of Survey: FEBRUARY 6, 2006 Signature and Seal of Professional Surveyor:  Certificate Number: 5412 DAN R. REDDY NM REG #5412



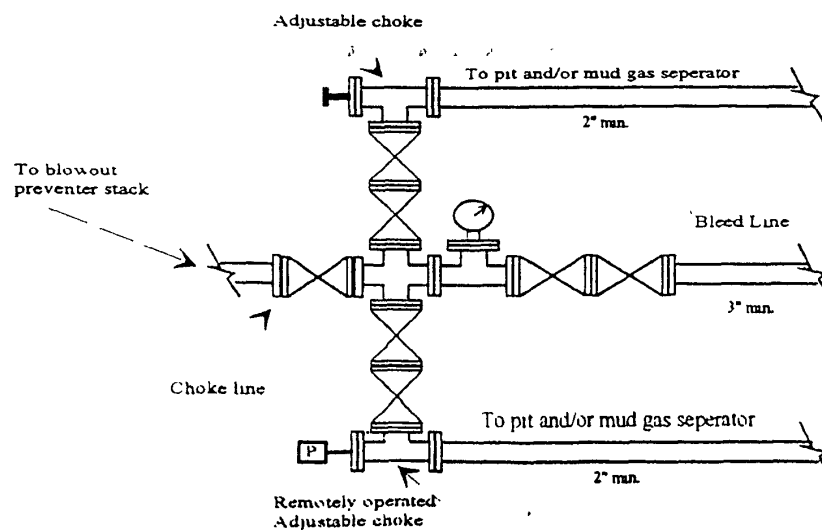
Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features



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State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144 CLEZ
July 21, 2008

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOC District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

Type of action: ☒ Permit ☐ Closure

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

1. Operator: <u>Yates Petroleum Corporation</u> OGRID #: <u>025575</u>	
Address: <u>105 South Fourth Street, Artesia, New Mexico 88210</u>	
Facility or well name: <u>Violet BJV State Com #1</u> <u>30-015-36939</u>	
API Number: <u>30-015-34632</u> OCD Permit Number: _____	
U/L or Qtr/Qtr <u>A</u> Section <u>14</u> Township <u>18S</u> Range <u>27E</u> County: <u>Eddy</u>	
Center of Proposed Design: Latitude <u>N32.75293</u> Longitude <u>W104.24397</u> NAD: <input checked="" type="checkbox"/> 1927 <input type="checkbox"/> 1983	
Surface Owner: <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Tribal Trust or Indian Allotment	
2. <input checked="" type="checkbox"/> Closed-loop System: Subsection H of 19.15.17.11 NMAC Operation: <input checked="" type="checkbox"/> Drilling a new well <input type="checkbox"/> Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) <input type="checkbox"/> P&A <input type="checkbox"/> Above Ground Steel Tanks or <input checked="" type="checkbox"/> Haul-off Bins	
3. Signs: Subsection C of 19.15.17.11 NMAC <input type="checkbox"/> 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers <input checked="" type="checkbox"/> Signed in compliance with 19.15.3.103 NMAC	
4. Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. <input checked="" type="checkbox"/> Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC <input checked="" type="checkbox"/> Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC <input checked="" type="checkbox"/> Closure Plan (Please complete Box 5) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC <input type="checkbox"/> Previously Approved Design (attach copy of design) API Number: _____ <input type="checkbox"/> Previously Approved Operating and Maintenance Plan API Number: _____	
5. Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required. Disposal Facility Name: <u>Gandy Marley</u> Disposal Facility Permit Number: <u>NM-01-0019</u> Disposal Facility Name: <u>CRI</u> Disposal Facility Permit Number: <u>R-9166</u> Disposal Facility Name: <u>Lea Land</u> Disposal Facility Permit Number: <u>NM-1-035</u> Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? <input type="checkbox"/> Yes (If yes, please provide the information below) <input checked="" type="checkbox"/> No Required for impacted areas which will not be used for future service and operations. <input type="checkbox"/> Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC <input type="checkbox"/> Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC <input type="checkbox"/> Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

0209130

6. Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Cy CowanTitle: Regulatory AgentSignature: [Signature]Date: 2/6/09e-mail address: cy@yatespetroleum.comTelephone: 575-748-4372**7. OCD Approval:** ☒ Permit Application (including closure plan) ☐ Closure Plan (only)OCD Representative Signature: [Signature]Approval Date: 02-24-09Title: District 11OCD Permit Number: 0209130**8. Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ Closure Completion Date: _____**9. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: _____

Disposal Facility Permit Number: _____

Disposal Facility Name: _____

Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?

☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ Site Reclamation (Photo Documentation)☐ Soil Backfilling and Cover Installation☐ Re-vegetation Application Rates and Seeding Technique**10.****Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____

Title: _____

Signature: _____

Date: _____

e-mail address: _____

Telephone: _____

Yates Petroleum Corporation Closed Loop System

Equipment Design Plan

Closed Loop System will consist of:

- 1 – double panel shale shaker
- 1 – (minimum) Centrifuge, certain wells and flow rates may require 2 centrifuges
- On certain wells, the Centrifuge will be replaced by a Clackco Settling Tank System
- 1 – minimum centrifugal pump to transfer fluids
- 2- 500 bbl. FW Tanks
- 1 – 500 bbl. BW Tank
- 1 – half round frac tank – 250 bbl. capacity as necessary to catch cement / excess mud returns generated during a cement job.
- 1 Set of rail cars / catch bins
- Certain wells will use an ASC Auger Tank

Operation Plan

All equipment will be inspected at least hourly by rig personnel and daily by contractors personnel.

Any spills / leaks will be reported to YPC, NMOCD, and cleaned up without delay.

Closure Plan

Drilling with Closed Loop System, haul off bins will be taken to Gandy Marley, CRI and Lea Land Farm.

Submit 3 Copies To Appropriate District
Office
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1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 16, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-36939
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation		6. State Oil & Gas Lease No. VA-2131
3. Address of Operator 105 S. 4 th Street, Artesia, New Mexico 88210		7. Lease Name or Unit Agreement Name Violet BIV State Com
4. Well Location Unit Letter <u>A</u> <u>660</u> feet from the <u>North</u> line and <u>990</u> feet from the <u>East</u> line Section <u>14</u> Township <u>18S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3540' GR		9. OGRID Number 25575
		10. Pool name or Wildcat Chester

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/> Extend APD
--	---

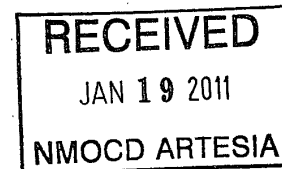
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Yates Petroleum Corporation wishes to extend the Application for Permit to Drill for ~~two~~^{one} years until February 23, 201~~2~~³.

Thank you,

Current NMOCD rules and
regulations must be met at
time of drilling

Final Extension
APPROVED FOR 1 YEAR
EXPIRES: 2/23/2012



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

SIGNATURE Monti Sanders TITLE Land Regulatory Technician DATE January 14, 2011
Type or print name Monti Sanders E-mail address montis@yatespetroleum.com PHONE: (575) 748-4244
For State Use Only
APPROVED BY: David Gray TITLE Field Supervisor DATE 1-26-11
Conditions of Approval (if any):

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Form C-144 CLEZ
July 21, 2008

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(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

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Address: <u>105 South Fourth Street, Artesia, New Mexico 88210</u>	
Facility or well name: <u>Violet BIV State Com #1</u> <u>30-015-36939</u>	
API Number: <u>30-015-36939</u> OCD Permit Number: <u>209130</u>	
U/L or Qtr/Qtr <u>A</u> Section <u>14</u> Township <u>18S</u> Range <u>27E</u> County: <u>Eddy</u>	
Center of Proposed Design: Latitude <u>N32.75293</u> Longitude <u>W104.24397</u> NAD: <input checked="" type="checkbox"/> 1927 <input type="checkbox"/> 1983	
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0209130

6
Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Cy Cowan Title: Regulatory Agent
Signature: [Signature] Date: 2/6/09
e-mail address: cy@vatespetroleum.com Telephone: 575-748-4372

7.
OCD Approval: ☒ Permit Application (including closure plan) ☐ Closure Plan (only)

OCD Representative Signature: [Signature] Approval Date: 02-24-09
Title: District 11 Geologist OCD Permit Number: 0209136

8.
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☐ Closure Completion Date: _____

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Were the closed-loop system operations and associated activities performed on or in areas that *will not* be used for future service and operations?
☐ Yes (If yes, please demonstrate compliance to the items below) ☐ No

Required for impacted areas which will not be used for future service and operations:
☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

10.
Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____ Title: _____
Signature: _____ Date: _____
e-mail address: _____ Telephone: _____

Yates Petroleum Corporation Closed Loop System

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