

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

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brumas Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

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

¹ Operator name and Address Phillips Petroleum Company 4001 Penbrook Street Odessa, TX 797962		² OGRID Number 017643
⁴ Property Code 009099		³ API Number 30-0 25-33418
⁵ Property Name HALE, M. E.		⁶ Well Number 026

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
K	35	17-S	34-E		2527	SOUTH	1955	WEST	LEA

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	¹⁰ Proposed Pool 2
VACUUM GRAYBURG/SAN ANDRES	VACUUM GRAYBURG/SAN ANDRES

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4018' GR
¹⁶ Multiple	¹⁷ Proposed Depth 5,000'	¹⁸ Formations GB/SA	¹⁹ Contractor	²⁰ Spud Date UPON APPROVAL

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#, J-55	1,600'	600 SXS	SURFACE
7-7/8"	5-1/2"	15.5#, J-55	5,000'	1000 SXS	SURFACE

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

USE APPROPRIATE BOP FOR CONTROL
SEE ATTACHED CASING AND CEMENTING PROGRAM
SEE ATTACHED MUD PROGRAM

NOTE: AFTER UNITIZATION THIS WELL WILL BECOME:
STATE 35 UNIT WELL NO. 15

NOTE: UNORTHODOX LOCATION TO COMPLETE AN EFFICIENT PRODUCTION AND INJECTION PATTERN
WITHIN A SECONDARY RECOVERY PROJECT.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Larry M. Sanders*

Printed name: **Larry M. Sanders**

Title: **Senior Regulation Analyst**

Date: **05/02/96**

Phone: **(915) 368-1488**

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title:

Approval Date: **MAY 06 1996**

Expiration Date:

Conditions of Approval:

Attached ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33418	Pool Code 62180	Pool Name VACUUM GRAYBURG/SAN ANDRES
Property Code 009099	Property Name HALE, M. E.	Well Number 026
OGRID No. 017643	Operator Name PHILLIPS PETROLEUM CO.	Elevation 4018

Surface Location

UL or lot No. K	Section 35	Township 17 S	Range 34 E	Lot Idn	Feet from the 2527	North/South line SOUTH	Feet from the 1955	East/West line WEST	County LEA
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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 40 Ac.		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

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

1955'

2527'

OPERATOR CERTIFICATION

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

L. M. Sanders
Signature

L. M. Sanders
Printed Name

Sr. Regulation Analyst
Title

05/02/96
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 3, 1996

Date Surveyed

Signature of Seal of Professional Surveyor

JOHN W. WEST
RONALD E. EIDSON
CARY EIDSON

676
3239
12641

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
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P.O. Drawer 80, Artesia, NM 88211-0719

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1000 Rio Brazos Rd., Aztec, NM 87410

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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	62180	VACUUM GRAYBURG/San ANDRES
Property Code	Property Name	Well Number
009099	HALE, M. E.	026
OGRID No.	Operator Name	Elevation
017643	PHILLIPS PETROLEUM CO.	4018

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	17 S	34 E		2527	SOUTH	1955	WEST	LEA

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.
40 Ac.			

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

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

HALE MABLE
CO-OP WL #14

M.E. HALE
CO-OP WL #15

650.3'

686.0'

547.8'

M.E. HALE
#1

OPERATOR CERTIFICATION

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

L. M. Sanders
Signature

L. M. Sanders
Printed Name

Sr. Regulation Analyst
Title

05/02/96
Date

SURVEYOR CERTIFICATION

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

APRIL 3, 1996

Date Surveyed

Signature & Seal of
Professional Surveyor

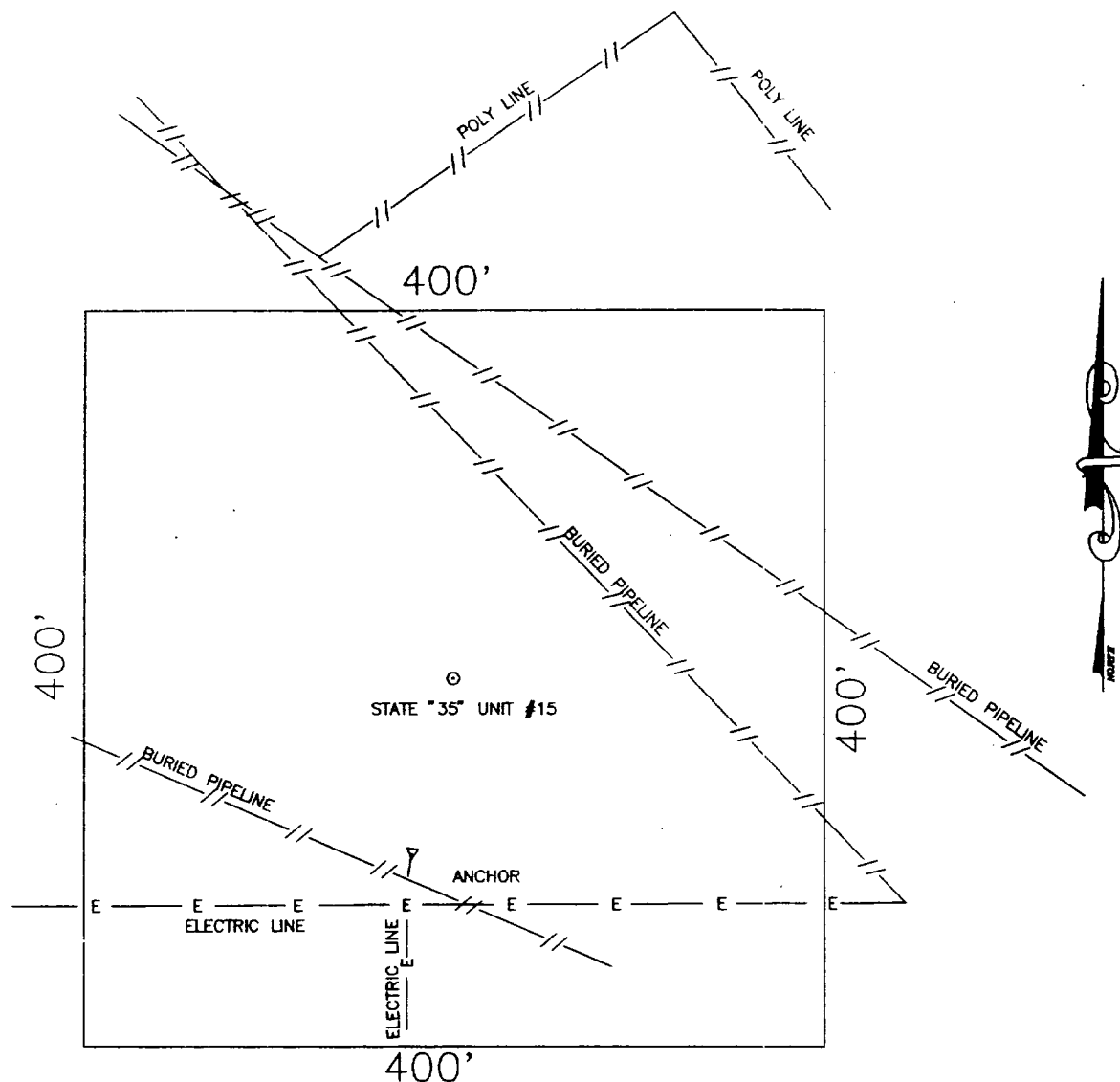
DMCC

4-05-96

96-11-0407

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641

**SECTION 35, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO**



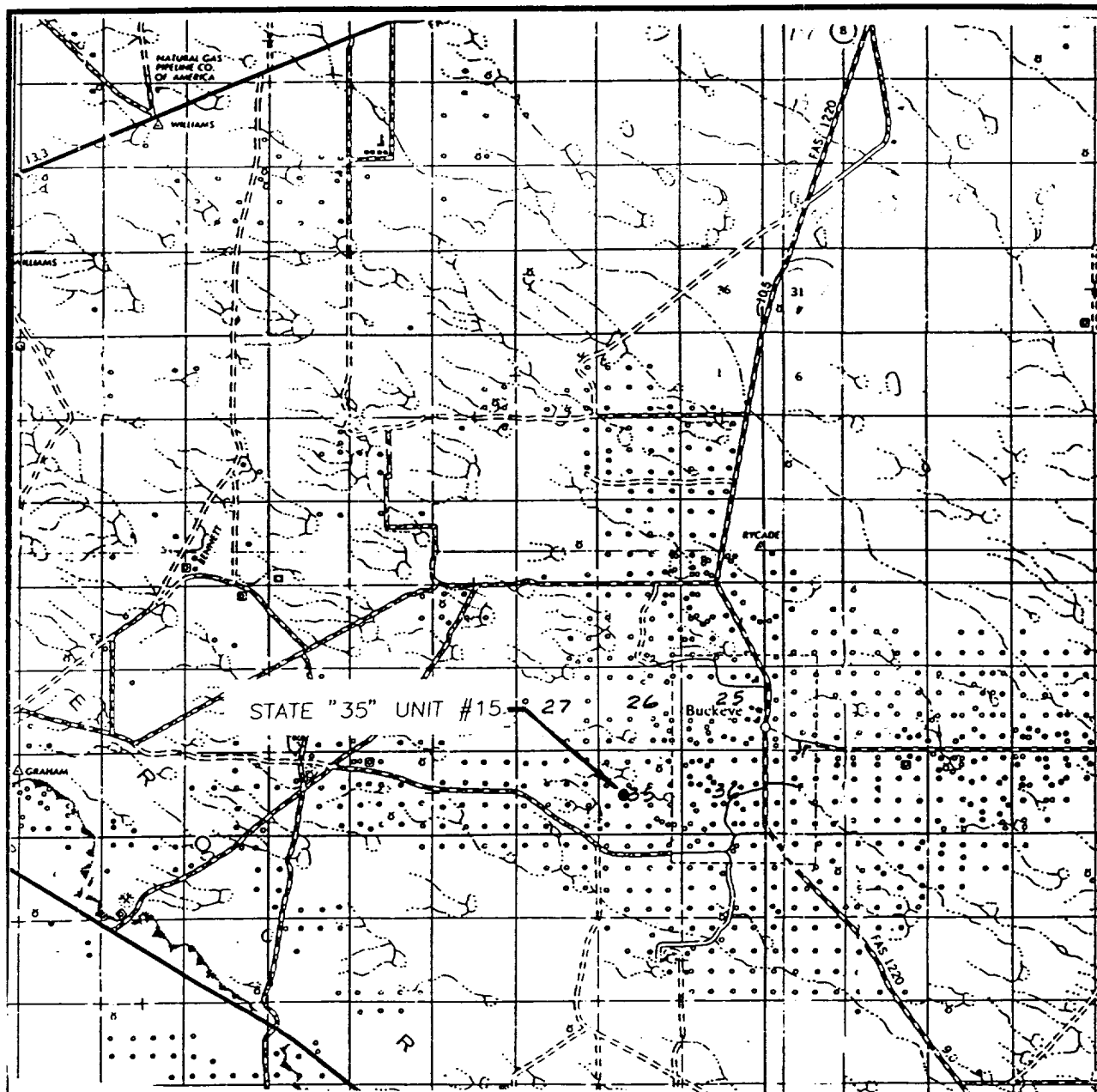
PHILLIPS PETROLEUM CO.

THE STATE "35" NO. 15 IS LOCATED 2527 FEET FROM THE SOUTH LINE AND 1955 FEET FROM THE WEST LINE, SECTION 35, TOWNSHIP 17 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, NEW MEXICO.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

Survey Date: 4-3-96	Sheet 1 of 1 Sheets
W.O. Number: 95-11-0407	Drawn By: D.McCARLEY
Date: 4-3-96	DISK: PHILLIPS Scale: 1" = 100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 17-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2527' FSL & 1955' FWL

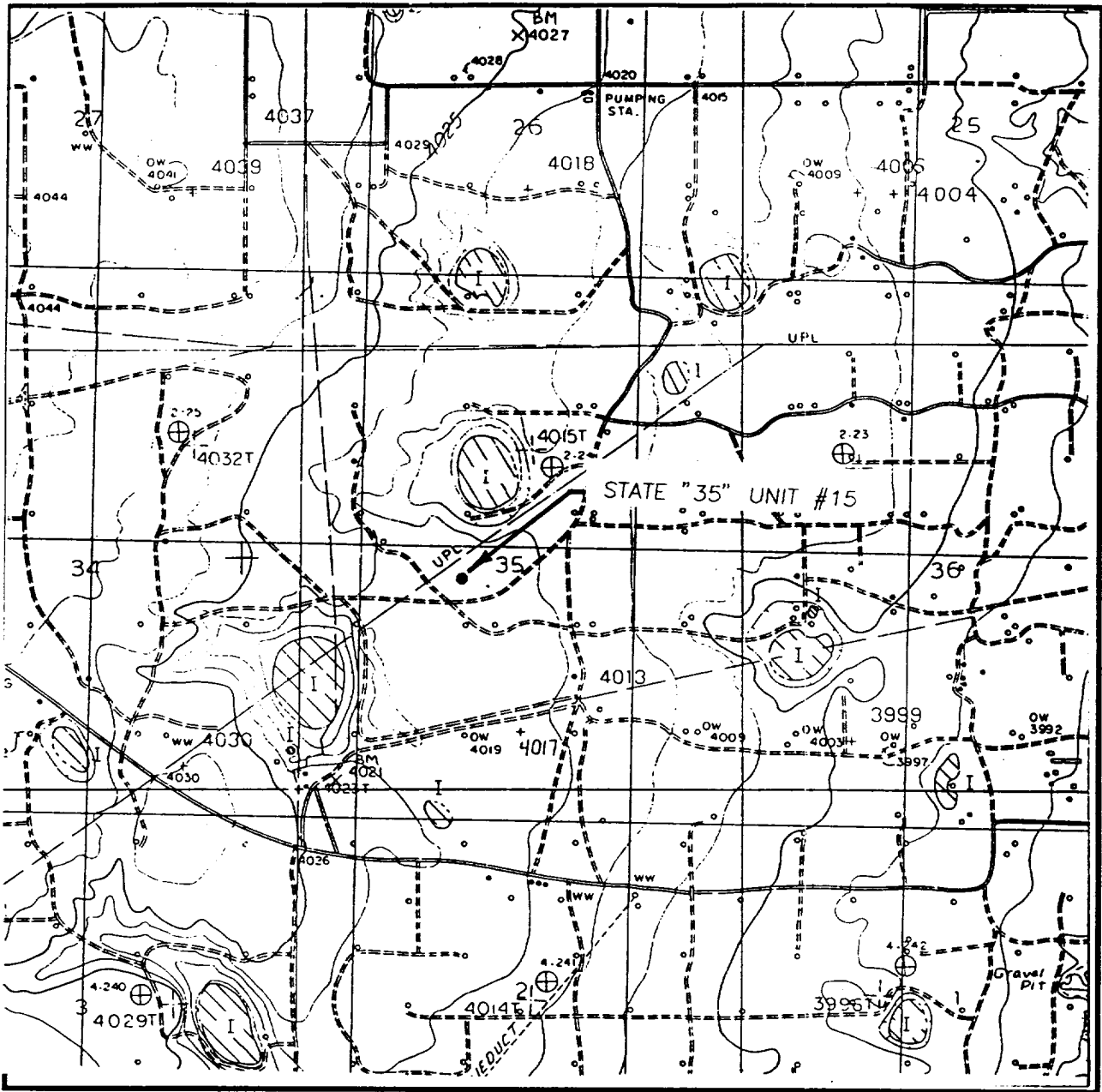
ELEVATION 4018

OPERATOR PHILLIPS PETROLEUM CO.

LEASE STATE "35" UNIT

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
BUCKEYE - 5'

SEC. 35 TWP. 17-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2527' FSL & 1955' FWL

ELEVATION 4018

OPERATOR PHILLIPS PETROLEUM CO.

LEASE STATE "35" UNIT

U.S.G.S. TOPOGRAPHIC MAP

BUCKEYE, N.M.

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

CASING & CEMENTING PROGRAM

HALE, M.E. WELL NO.26

8 5/8" 24 lb/ft J-55 Surface Casing Set at 1600' - 12 1/4" Hole:

Lead: 450 sx Class "C" + 4% Gel + 2% CaCl₂.
Desired TOC = Surface.

Slurry Weight:	13.5 ppg
Slurry Yield:	1.72 ft ³ /sx
Water Requirement:	9.06 gals/sx

Tail: 150 sx Class "C" + 2% CaCl₂.
Desired TOC = 1300'.

Slurry Weight:	14.8 ppg
Slurry Yield:	1.32 ft ³ /sx
Water Requirement:	6.3 gals/sx

5 1/2" 15.5 lb/ft J-55 Production Casing Set at 5000' - 7 7/8" Hole:

Lead: 750 sx Class "C" + Econolite + 3% Salt.
Desired TOC = Surface.

Slurry Weight:	11.80 ppg
Slurry Yield:	2.60 ft ³ /sx
Water Requirement:	15.60 gals/sx

Tail: 250 sx Class "C" + 50 lbs Pozmix + 7% CalSeal + 3% Salt +
0.5% Diacel FL + 0.5% CFR-3 + 0.5% Econolite.

Desired TOC = 4000'.

Slurry Weight:	15.00 ppg
Slurry Yield:	1.16 ft ³ /sx
Water Requirement:	4.77 gals/sx

MUD PROGRAM

STATE H-35 WELL NOS. (16, 17)
HALE, M.E. WELL NOS. (24, 25, 26, 27)

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf. - 1600'	8.3 - 9.0 ppg	28 - 36 sec/1000 cc	N/C	-	-	Native Solids
1600' - 4000'	10.0 ppg	28 - 32 sec/1000 cc	N/C	Saturated	-	Native Solids
4000' - TD	10.0 - 10.2 ppg	32 - 36 sec/1000 cc	20 cc	Saturated	-	Starch/Drispac+

The Mud Engineer shall include on each test report the materials used for the previous 24 hour period. Daily fax the test reports to (915) 368-1507 Attn: J.C. Shoumaker / L.E. Robinson.

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to Phillips Petroleum Company , Attn: J.C. Shoumaker / L.E. Robinson, 4001 Penbrook, Odessa, Texas 79762