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

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-015-22317

5 Indicate Type of Lease STATE [X] FEE [ ]

6 State Oil & Gas Lease No.
647

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
State "BV"

1 Type of Well:
OIL WELL [ ] GAS WELL [X] OTHER

2 Name of Operator
Doyle Hartman

8 Well No.
1

3 Address of Operator
P. O. Box 10426, Midland, Texas 79702, (915) 684-4011

9 Pool name or Wildcat
Empire South Morrow

4 Well Location
Unit Letter J : 1800 Feet From The South Line and 1980 Feet From The East Line

Section 25 Township 17S Range 28E NMPM Eddy County

10 Elevation (*Show whether DF, RKB, RT, GR, etc.*)
3700.5' RKB (3683.5' GL)

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[X]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ANBANDONMENT	[ ]
PULL OR ALTER CASING	[ ]			CASING TEST AND CEMENT JOB	[ ]		
OTHER: Protect casing across uncemented waterflow zone	[X]			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.

Move in well service unit. Set plug in Model "F" seating nipple. Unlatch Model "FL" on-off tool and pull out of hole with 2 3/8" O.D., 4.7 lb/ft, N-80 tubing. Drop frac sand to protect blanking plug and on-off tool. Trip into and out of hole with 4 1/2" casing scraper. Run into hole with Model "C" RBP. Set RBP at 9500'. Drop frac sand to protect RBP. Run into hole with the Model "C" packer and set at 6700'. Test integrity of 4 1/2" O.D. casing across poorly-bonded sections between 6800' and 8450'. If casing tests okay, run tapered mill and dress 5" tie-back sleeve at 6562'. Run 5" tie-back nipple and 6560' of 5 1/2" O.D., 17 lb/ft, N-80 casing to cover and protect presently uncemented section of 7 5/8" O.D. casing opposite waterflow interval at 1970'. Cement tie-back string from 0' - 6562'. In the event of waterflow while performing above described work, build and plastic line necessary holding pits (for containment of water) until waterflow has been properly isolated . After 5 1/2" O.D. tie-back liner has been landed and cemented into place, proceed with returning well to production.

The necessary work will be commenced, on or about October 22, 1999, promptly after election (to participate or assign interest) and payment of cost or assignment of interest has been made by each working interest owner.

* PERF AT TOC ON 7 5/8" CSG & CIRC TO SURFACE

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

SIGNATURE [signature] TITLE Engineer DATE 10-05-99

TYPE OR PRINT NAME Steve Hartman TELEPHONE NO. 915-684-4011

(This space for State Use)

APPROVED BY SUPERVISOR, DISTRICT II TITLE DATE 11-17-99

CONDITIONS OF APPROVAL, IF ANY:

Phone
522-1206 Area 303

LYNES, INC.

Box 712
Sterling, Colo.

Owner Atlantic Richfield Co.
Address Box 1710 Hobbs, New Mexico 88240
Lease and Well No. State B.V. Comm. #1
Field Empire Abo
Date 4-22-78
Ticket No. 12042

LOCATION --
Purpose for ECP To shut off water flow.

Size and Type of ECP 7 5/8" 39# R.T.S. D-110 Steel
Casing Run Through: Size 10 3/4" Weight 40.5# Set At 880'
Open Hole Size: Drilled 9 1/2" Calipered --
Casing ECP Run On: Size 7 5/8" Weight 26# 29# Grade N-80
Maximum Pressure Allowed on Casing (psi) 3000

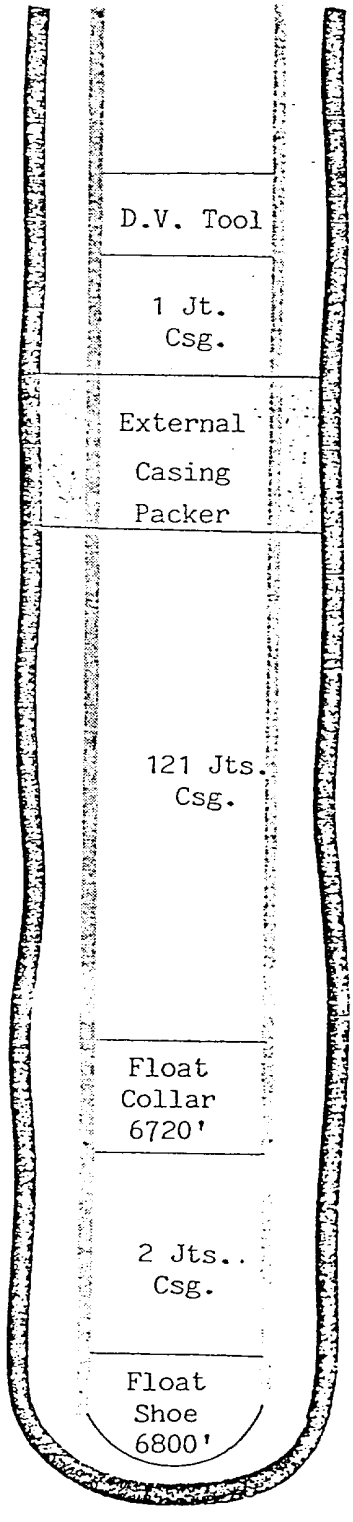
	1.	2.	3.
ECP Setting Depths:	1750'	--	--
Inflation Pressure:	--	--	--
Temp. at Setting Depth:	--	--	--
Back Pressure Valve Setting:	1600	--	--
Pressure at which Valves Opened:	--	--	--

Type of Fluid ECP Set With Fresh water Wt./Gal. 8.34
Type of Fluid in Hole Brine water Wt./Gal. 8.5
Cement Program: No. of Sacks -- Cu. Ft. -- Wt./Gal. --

1st Stage	100 Class H	--	--
2nd Stage	850 B.J. Lite	--	--
3rd Stage	100 Class C	--	--

Displacing Fluid Fresh water Wt./Gal. 8.34
Estimated Top of Cement 1700 Max. Diff. Pressure --
Casing Pressure just Prior to Bumping Top Plug --
Did Tool Function Properly? Yes

REMARKS:
Did not shut off water zone.



CEMENTING CO.: B.J. Hughes
Lynes Dist.: Hobbs, New Mexico
Lynes Representative: Dale Fain
Owners Representative: Butch Arning

WELLBORE DIAGRAM

OPERATOR: DOYLE HARTMAN (formerly ARCO)

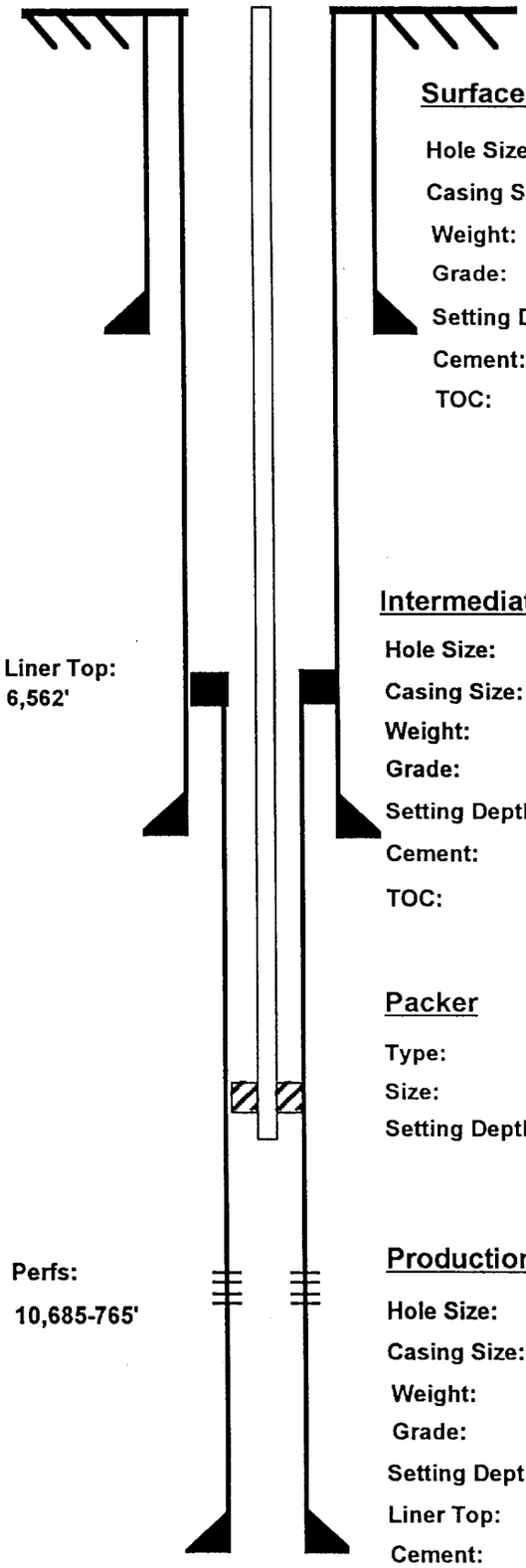
WELL: STATE "BV" No. 1

FIELD: EMPIRE SOUTH (Morrow)

PREP. DATE: 9-23-99

SPUD DATE: 4-6-78

COMP. DATE: 6-15-78



Surface String

Hole Size:	13-3/4"
Casing Size:	10-3/4"
Weight:	40.5#
Grade:	K-55
Setting Depth:	880'
Cement:	550 sx
TOC:	Circ

Location

UNIT:	J
SECTION:	25
TWP:	17S
RNG:	28E
CO.:	EDDY
STATE:	NM
DF:	3,700'
GL:	3,682'

Intermediate String

Hole Size:	9-1/2"
Casing Size:	7-5/8"
Weight:	26.4#,29.7#
Grade:	K-55, N-80
Setting Depth:	6,805'
Cement:	1,450 sx
TOC:	Circ

Packer

Type:	Baker "LS"
Size:	4-1/2"
Setting Depth:	10,642' (VTC depth)

Production String

Hole Size:	6-3/4"
Casing Size:	4-1/2"
Weight:	11.6#
Grade:	K-55, N-80
Setting Depth:	10,860'
Liner Top:	6,562'
Cement:	850 sx
TOC:	6,562'

Tubing String

Size:	2-3/8"
Weight:	4.7#
Grade:	N-80
Setting Depth:	10,645'

PBTD: 10,850'

TD: 10,860'

DRILLING HISTORY

Spudded well 4-6-78.

Encountered waterflow @ 1,970', 2 - 3 BPM.

Set 7-5/8" O.D. csg @ 6,805', w/Lynes ECP @1,747', DV Tool @ 1,697'. Cemented w/1,450 sx (2 stages). Stage 1 - 1,050 sx, plug did not bump, Lynes ECP did not hold waterflow. Stage 2 - 400 sx thixotropic (circ 35 sx).

Lost returns @ 9,175' - 9,208':

Drilled 6-3/4" hole to 10,860' (loggers depth @10,850').

Set 4-1/2" liner at 6,562' - 10,860'. Cemented w/850 sx . Plug prematurely bumped while cementing liner. TOC inside of liner @ 9,929'. Ran a TIW 5" Type LG Receptacle on top of liner.

Drilled out cement to 6,562'. Tested 7-5/8" csg to 3,000 # for 1 hr., no leaks (6-6-78).

Drilled out cement to 10,850' drillers depth (loggers depth @ 10,844').

Ran GR-CBL from 6,400' - 10,844'. Poor bond 6,571' - 6,956', good bond 6,956' - 7,116', poor bond 7,116' - 7,266'.

Ran 2-3/8" tbg w/ Baker "FL" on - off tool w /1.81" I.D. profile ("F") nipple, Baker 4-1/2" Lok-Set PKR, 122.9' VTC Perforating - Production Assembly. Bottom of Baker 4-1/2" Lok-Set PKR @ 10,642.4' (VTC depth).

Perforated 4-1/2" production liner @10,685'-10,753', 10,760' - 10,765' (10,685' - 10,765' overall), w/1 SPF ((73) 0.5" holes).