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LEASE NAME: Doyal WELL NUMBER: 1
OPERATOR: Yates Drilling Company LEASE NUMBER: Fee
FORMATION: Queen POOL: S.E. Chaves Queen Area Gas Assoc.
LOCATION: 660' FNL & 990' FEL Section 34-T12S-R31E
ELEVATION: 4425' TOTAL DEPTH: 3100'
SURFACE CASING: 8 5/8", 24# @ 409.46' CEMENT: 250 sx. TOP: Surface
INT. CASING: - CEMENT: - sx. TOP: -
PROD. CASING: 5 1/2", 14# @ 3098' CEMENT: 250 sx. TOP: 2200' (Temp. Sur.)
LOG DATE: 7-31-84 COMP. DATE: 8-15-84
PERFORATIONS: 2982'-2989'
STIMULATION: 750 gals. of 15% HCL, 15000 gals. 14F-30, 5000 SCF N₂ per barrel.
10900# of 20-40 sand, 4200# 10-20 sand
COMP. TYPE: Oil Well
CURRENT STATUS: Pumping oil well

LEASE NAME: Doyal WELL NUMBER: 2
OPERATOR: Yates Drilling Company LEASE NUMBER: Fee
FORMATION: Queen POOL: S.E. Chaves Queen Area Gas Assoc.
LOCATION: 500' FSL & 760' FEL Section 27-T12S-R31E
ELEVATION: 4427' TOTAL DEPTH: 3100'
SURFACE CASING: 8 5/8", 24# @ 411' CEMENT: 275 sx. TOP: surface
INT. CASING: - CEMENT: - sx. TOP: -
PROD. CASING: 5 1/2", 14# @ 3090' CEMENT: 400 sx. TOP: 1810' (Temp. Sur.)
LOG DATE: 9-7-84 COMP. DATE: 9-20-84
PERFORATIONS: 2981'-2987'
STIMULATION: 750 gals. 15% HCL, 15000 gal WF-30, 25% CO₂,
12000# 20-40 sand, 10000# 10-20 sand.
COMP. TYPE: Oil Well
CURRENT STATUS: Pumping oil well

8502

BEFORE EXAMINER QUESTIONS
OIL CONSERVATION DIVISION
YATES EXHIBIT NO. 3
CASE NO. 8502

YATES DRILLING COMPANY
DOYAL NO. 3
Partial Pressure Maintenance Project
1980' FSL & 990' FEL Sec. 27-12S-31E
Chaves County, New Mexico
Exhibit No. 3- Revised

WELL NAME: Doyal WELL NUMBER: 3
OPERATOR: Yates Drilling Company LEASE NUMBER: Fee
FORMATION: Queen POOL: S.E. Chaves Queen Gas Area Assoc.
LOCATION: 1980' FSL & 990' FWL Section 27-T12S-R31E
ELEVATION: 4429' TOTAL DEPTH: 3100'
SURFACE CASING: 8 5/8", 24# @ 409' CEMENT: 250 sx. TOP: Surface
INT. CASING: - CEMENT: - sx. TOP: -
ROD. CASING: 5 1/2", 14# @ 3099' CEMENT: 850 sx. TOP: 630' (CBL)
PUD DATE: 9-20-84 COMP. DATE: -
PERFORATIONS: 2991'-2997'
STIMULATION: 750 gals. 15% HCL acid, 15000 gals WF-30, 25% CO₂
20000# 20-40 sand, 10000# 10-20 sand
WELL TYPE: Not completed
CURRENT STATUS: Temporarily Abandoned

WELL NAME: Doyal WELL NUMBER: 4
OPERATOR: Yates Drilling Company LEASE NUMBER: Fee
FORMATION: Queen POOL: S.E. Chaves Queen Gas Area Assoc.
LOCATION: 330' FSL & 330' FWL Section 26-T12S-R31E
ELEVATION: 4424.5' TOTAL DEPTH: 3100'
SURFACE CASING: 8 5/8", 24# @ 400' CEMENT: 250 sx. TOP: Surface
INT. CASING: - CEMENT: - sx. TOP: -
ROD. CASING: 5 1/2", 14# @ 3088' CEMENT: 975 sx. TOP: 310' (Flood Sur.)
PUD DATE: 11-18-84 COMP. DATE: 1-24-85
PERFORATIONS: 2982'-2985'
STIMULATION: 750 gals. 15% HCL, 15000 gals. WF-30, 22 Tons CO₂
12000 20-40 sand and 8500# 12-20 sand
WELL TYPE: Oil Well
CURRENT STATUS: Pumping oil well

WELL NAME: Gallagher State

WELL NUMBER: 1

DRILLER: Yates Drilling Company

LEASE NUMBER: B-10,18

COUNTY: Queen

POOL: S.E. Chaves Queen Gas Area Assoc.

SECTION: 330' FNL & 330' FWL Section 35-T12S-R31E

ELEVATION: 4424.5'

TOTAL DEPTH: 1100'

SURFACE CASING: 8 5/8", 24# @ 433'

CEMENT: 250 sx. TOP: surface

INT. CASING: -

CEMENT: - sx. TOP: -

PROD. CASING: 5 1/2", 14# @ 3084'

CEMENT: 900 sx. TOP: surface

PROD DATE: 10-28-84

COMP. DATE: 11-9-84

PERFORATIONS: 2982'-2987'

FLOIDATION: 650 gals. 15% HCL acid, 15000 gals. WF-30, 22 Tons CO₂
12000# 20-40 sand, 10750# 10-20 sand.

WELL TYPE: oil well

CURRENT STATUS: Pumping oil well

WELL NAME: Garner Federal

WELL NUMBER: 1

DRILLER: Yates Drilling Company

LEASE NUMBER: NM-015807

COUNTY: Queen

POOL: S.E. Chaves Queen Gas Area Assoc.

SECTION: 660' FSL & 1980' FWL Section 27-T12S-R31E

ELEVATION: 4433.4'

TOTAL DEPTH: 3100'

SURFACE CASING: 8 5/8", 24# @ 424'

CEMENT: 250 sx. TOP: Surface

INT. CASING: -

CEMENT: - sx. TOP: -

PROD. CASING: 5 1/2", 14# @ 3098.54'

CEMENT: 270' sx. TOP: 1900 (Temp. Sur.)

PROD DATE: 10-14-84

COMP. DATE: 10-30-84

PERFORATIONS: 2987'-2993'

FLOIDATION: 750 gals 15% HCL, 15000 gals. WF-30, 1000 SCF CO₂/barrel,
13000# 20-40 sand, 9000# 10-20 sand.

WELL TYPE: Oil well

CURRENT STATUS: Pumping oil well

LEASE NAME: Garner Federal WELL NUMBER: 9
 OPERATOR: Yates Drilling Company LEASE NUMBER: NM-015807
 FORMATION: Queen POOL: S.E. Chaves Queen Gas Area Assoc.
 LOCATION: 1650' FSL & 2310' FEL Section 27-T12S-R31E
 ELEVATION: 4434.5' TOTAL DEPTH: 3100'
 SURFACE CASING: 8 5/8", 24# @ 428' CEMENT: 250 sx. TOP: Surface
 INT. CASING: - CEMENT: - sx. TOP: -
 PROD. CASING: 5 1/2", 14# @ 3098' CEMENT: 320 sx. TOP: 1820' (Temp. Sur.)
 SPUD DATE: 11-11-84 COMP. DATE: 11-30-84
 PERFORATIONS: 2985'-2995'
 STIMULATION: 750 gals. 15% HCL, ball sealers, 15000 gals. WF-30, 16 Tons CO₂,
18000# 20-40 sand & 12500# 10-20 sand
 COMP. TYPE: Oil Well
 CURRENT STATUS: Pumping oil well

LEASE NAME: Rich Federal WELL NUMBER: 1
 OPERATOR: Yates Drilling Company LEASE NUMBER: NM-54301
 FORMATION: Queen POOL: S.E. Chaves Queen Gas Area Assoc.
 LOCATION: 2310' FNL & 2310' FEL Section 27-T12S-R31E
 ELEVATION: 4435.6' TOTAL DEPTH: 3100'
 SURFACE CASING: 8 5/8", 24# @ 412' CEMENT: 250 sx. TOP: Surface
 INT. CASING: - CEMENT: - sx. TOP: -
 PROD. CASING: - CEMENT: - sx. TOP: -
 SPUD DATE: 11-30-84 COMP. DATE: -
 PERFORATIONS: None
 STIMULATION: None
 COMP. TYPE: Dry Hole
 CURRENT STATUS: P&A. See attached schematic

WELL NUMBER: _____
OPERATOR: Snow Oil Company
LEASE NUMBER: NM-31113
FORMATION: Queen
POOL: S.E. Chaves Queen Gas Area Assoc.
LOCATION: _____
ELEVATION: _____
TOTAL DEPTH: _____
SURFACE CASING: _____
CEMENT: _____ sx. TOP: _____
INT. CASING: _____
CEMENT: _____ sx. TOP: _____
PROD. CASING: _____
CEMENT: _____ sx. TOP: _____
SPUD DATE: _____
COMP. DATE: _____
PERFORATIONS: _____
STIMULATION: _____

COMP. TYPE: No information available for public record as of 1-31-85.

CURRENT STATUS: _____

LEASE NAME: DeLuna Federal
WELL NUMBER: 3
OPERATOR: Yates Drilling Company
LEASE NUMBER: NM-15896
FORMATION: Queen
POOL: S.E. Chaves Queen Gas Area Assoc.
LOCATION: 330' FNL & 1980' FEL, Section 34, T-12-S, R-31-E, Chaves County, N.M.
ELEVATION: 4433.4' GL
TOTAL DEPTH: 3100'
SURFACE CASING: 8 5/8", 24# @433'
CEMENT: 300 sx. TOP: Surface
INT. CASING: -
CEMENT: - sx. TOP: -
PROD. CASING: 5 1/2", 14# @3094'
CEMENT: 410 sx. TOP: 1900' (CBL)
SPUD DATE: 2-11-85
COMP. DATE: _____
PERFORATIONS: 2987 1/2 - 2993
STIMULATION: 750 gals. 15% HCL, 15000 gals. 30# gel water, 23 1/2 tons CO₂.
23000# (13000# 20/40 and 10000# 10/20) sand.
COMP. TYPE: _____
CURRENT STATUS: Testing