

SOUTHEASTERN NEW MEXICO NOMENCLATURE CASE calling for an order for the creation and extension of certain pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico.

a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Queen production and designated as the Eidson-Queen Pool. The discovery well is the Hanson Oil Corporation Caldonia Well No. 1, located in Unit N of Section 11, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 11: S/2
Section 12: SW/4

b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the McKittrick Hills-Atoka Gas Pool. The discovery well is the Southern Union Production Company Shelby Federal Well No. 1, located in Unit H of Section 13, Township 22 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
Section 13: N/2

c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the McKittrick Hills-Strawn Gas Pool. The discovery well is the Southern Union Production Company Shelby Federal Well No. 1, located in Unit H of Section 13, Township 22 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
Section 13: N/2

d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and designated as the McKittrick Hills-Upper Pennsylvanian Gas Pool. The discovery well is the Southern Union Production Company Shelby Federal Well No. 2, located in Unit K of Section 12, Township 22 South, Range 24 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
Section 12: S/2

e) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Strawn production and designated as the South Newmill-Strawn Gas Pool. The discovery well is the Marathon Oil Company State 27 Well No. 1, located in Unit M of Section 27, Township 4 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 4 SOUTH, RANGE 27 EAST, NMPM
Section 27: W/2

f) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the South Prairie-Wolfcamp Pool. The discovery well is the SNB Operating Company New Mexico Federal Well No. 1, located in Unit I of Section 20, Township 8 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 20: SE/4

g) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Salt Lake-Bone Springs Pool. The discovery well is the Flag-Redfern Oil Company Hanson State Well No. 1, located in Unit N of Section 13, Township 20 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM
Section 13: SW/4

h) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Atoka production and designated as the Sand Ranch-Atoka Gas Pool. The discovery well is the Depco, Inc. Midwest Federal Well No. 1, located in Unit O of Section 23, Township 10 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 10 SOUTH, RANGE 29 EAST, NMPM
Section 23: S/2

i) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Sheep Draw-Strawn Gas Pool. The discovery well is the Corinne Grace Cueva Unit Well No. 1, located in Unit K of Section 6, Township 23 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
Section 6: W/2

j) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: All

k) EXTEND the South Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
Section 13: S/2

l) EXTEND the South Carlsbad-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 36: W/2

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 32: E/2

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM
Section 10: E/2
Section 34: N/2

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM
Section 20: S/2

m) EXTEND the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
Section 2: Lots 9 through 16 & S/2
Section 28: All

n) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NW/4
Section 6: NE/4

o) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM
Section 1: SE/4
Section 2: NW/4

p) EXTEND the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 33: W/2

q) EXTEND the Kennedy Farms-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM
Section 15: E/2

r) EXTEND the South Lucky Lake Queen Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
Section 16: S/2 SE/4
Section 21: NE/4 NE/4

ADDITION

OCC
EX
CS 5669



Sidewall Neutron Gamma Ray

FILE NO.

COMPANY ARD DRILLING COMPANY

WELL STATE 10 NO. 1

FIELD NORTH MESCALERO - CISCO

COUNTY LEA STATE NEW MEXICO

LOCATION:
660' FSL & 660' FELOther Services
DLL

SEC 10 TWP 10-S RGE 32-E

Permanent Datum GROUND LEVEL Elev. 4325.8

Log Measured from K.B., 18.4 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations
KB 4344.2

DF

GL 4325.8

Date 4/8/76

Run No. ONE

Depth—Driller 9010

Depth—Logger 9005

Bottom Logged Interval 9003

Top Logged Interval SURFACE

Casing—Driller 8 57 @ 3463

Casing—Logger 3454

Bit Size 7 7/8

Type Fluid in Hole
SALT GEL
STARCH

Density and Viscosity 9.8 48

pH and Fluid Loss 7 7.8 cc

Source of Sample FLOWLINE

Rm @ Meas. Temp. .094 @ 61 °F

Rmf @ Meas. Temp. .089 @ 61 °F

Rmc @ Meas. Temp. .247 @ 61 °F

Source of Rmf and Rmc MEAS. C

Rm @ BHT .047 @ 122 °F

Time Since Circ. 5 HOURS

Max. Rec. Temp. Deg. F. 122 °F

Equip. No. and Location 6136 HOBBS

Recorded By MILLER

Witnessed By MR. PROBANDT

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 5671
Submitted by Arnel
Hearing Date Apr. 28, 1976

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FOLD HERE ↓

Dresser Atlas

Sidewall Neutron Gamma Ray

FILE NO.

COMPANY Ard Drilling Co.WELL State 10 #1FIELD N. MESCALERO - CiscoCOUNTY Lea STATE New MexicoLOCATION: 660' FSL & 660' FELOther Services
DLL/MLLSEC 10 TWP 10S RGE 32E

Permanent Datum

G.L.Elev. 4325.8Elevations
KB 4344.2

Log Measured from

K.B.12.4

Ft Above Permanent Datum

DF

Drilling Measured from

K.B.

GL

4325.9

Date

4-24-76BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

Run No

1400

Depth - Driller

9037

Depth - Logger

9030

Bottom Logged Interval

9028

Top Logged Interval

7500

Casing - Driller

8 5/8 @ 346

Casing - Logger

Not Checked

Bit Size

7 7/8

Type Fluid in Hole

Starch Gel

Density and Viscosity

9.547

pH and Fluid Loss

8.08.8

Source of Sample

Flowline

Rm @ Meas Temp

.057 @ 68

Rmf @ Meas Temp

.055 @ 68

Rmc @ Meas Temp

— @

Source of Rmf and Rmc

M

Rm @ BHT

.032 @ 123

Time Since Circ

5 hrs

Max Rec Temp Deg. F

123

Equip No and Location

6124 Hobbs

Recorded By

HOWARD

Witnessed By

PROBANDT