GREAT GUMS

Dual Induction-Compensated Density

20009

COMPANY: OCCIDENTAL PETROLEUM CORPORATION
WELL: OCCIDENTAL GUMS NO. 2
FIELD: WILDCATS
COUNTY: BERNALILLO
STATE: NEW MEXICO
Other Services: Dual Induction Gamma Guard
Permanent Datum: GROUND LEVEL
Elev.: 5600 ft
Log Measured from: 10 ft. above Perm. Datum
Drilling Measured from: KB
API Serial No.: 30-001-20009
Location: 1980' FSL & 1980' FWL
Sec. 2 Twp. 20N Rge. 2E
Elevation: K.B. 5610 ft. D.F. ft. G.L. 5600 ft.
Date: 1-29-82
Run No.: ONE
Depth-Driller: 1800
Depth-Logger: 1800
Bottom Log Interval: 1800
Top Log Interval: 1600
Casing-Driller: 8 5/8 @ 1800
Casing-Logger: 1800
Bit Size: 7 7/8
Type Fluid in Hole: LIGHT
Density: 9.0 Viscosity: 40
Max. Rec. Temp. °F: 120
Equipment: 5 MILES S TRUES
Location: 5 MILES NORTH
Recorded by: D. SAVOIE
Witnessed by: MR. BRUCE

Rm @ Meas. Temp.: 1.0 @ 70°F
Rmf @ Meas. Temp.: .75 @ 70°F
Rmc @ Meas. Temp.: .75 @ 70°F
Source of Rmf & Rmc: CALCULATED
Rm @ BHT: .55 @ 120°F
Time Since Circ.: 5 HRS
Time on Bottom: 1 HRS
Max. Rec. Temp. °F: 120
Equipment: 5 MILES S TRUES
Location: 5 MILES NORTH
Recorded by: D. SAVOIE
Witnessed by: MR. BRUCE

REPRODUCED BY
Petroleum Information
CORPORATION
DENVER, COLORADO 80202

REFERENCE D 50720

WHITE PRINTS ONLY COPY AVAILABLE

COMPLETION RECORD

SPUD DATE
COMP DATE
INIT RECORD
INT NO. 14
CASING RECORDS
PERFORATING RECORDS
MISC PRAC DATA
DRN 2E
T P C P
REMARKS

REPRODUCTION FOR DETAILS OF WHOLE OR PART PROHIBITED

| Bit No. | Size | Type | Serial No. | Jets | Depth In | Depth Out | Footage | Hours |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 7/8 | STD. | 3-15-2 | | 0 | 1800 | 1800 | 24 |

Deviation Survey

| Depth | Angle | Depth | Angle | Depth | Angle |
|---|---|---|---|---|---|
| 1 | 1/4 | | | | |

Drilling Mud

| Type | Weight | Viscosity | Water Loss | pH | Pm | Pf | Mf | Cl | Ca |
|---|---|---|---|---|---|---|---|---|---|
| LIGHT | 9.0 | 40 | | | | | | | |

Bit Record

| Bit No. | Size | Type | Jets | Depth In | Depth Out | Footage | Hours | Condition |
|---|---|---|---|---|---|---|---|---|
| 1 | 7 7/8 | STD. | | 0 | 1800 | 1800 | 24 | |

Casing Record

| Size | Weight | Grade | Thread | Depth Set | Sacks Cmt. |
|---|---|---|---|---|---|
| 8 5/8 | 24 | J | | 1800 | 75 |

CALIPER (INCHES) 6 16

GAMMA RAY (API UNITS) 0 100

BULK DENSITY (GRAMS/CC) 1.9 2.9

MATRIX DENSITY = 2.71

POROSITY 30% 20% 10% 0% -10%

Bottom Casing

Bottom Hole

50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800

REPEAT SECTION

BULK DENSITY (GRAMS/CC) 1.9 2.9

CALIPER 6 16

GAMMA RAY (API UNITS) 0 100

MATRIX DENSITY = 2.71

POROSITY 30% 20% 10% 0% -10%

COMPANY: OCCIDENTAL PETROLEUM CORPORATION
WELL: OCCIDENTAL GUMS NO. 2
LOCATION: SEC. 2-T20N-R2E
COUNTY: BERNALILLO, NM
DATE: 2-25-82

GALLERY T.D.: 1800
GREAT GUMS LOG T.D.: 1800
GREAT GUMS LOG F.P.: 1800