Case No.
4189

Large Exhibits

V.N.M.C.F. MICROGRAPHICS
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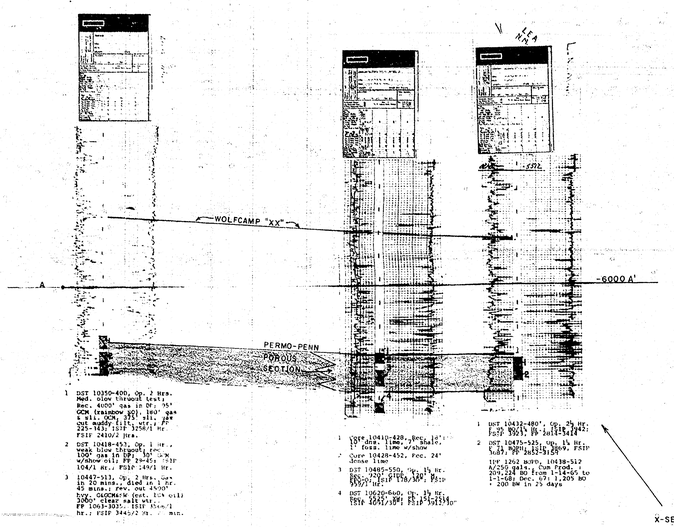
SOUTHERN MINERALS
STATE "9" #1
DELAWARE APACHE
HIGH PLAINS #2
DELAWARE APACHE
HIGH PLAINS #1
LEA
WOLFCAMP "XX"
A
A'
PERMO-PENN
POROUS
SECTION
1 DST 10350-400, Op. 2 Hrs. Med. blow through test. Rec. 4050' gas in DP, 75' GCM (trashow gc), 180' gas & sli. OCM, 372' sli. gas & sli. OCM, 310' sli. OCM. FP 1632-1812/1 Hr. FSIP 2406/2 Hrs.
2 DST 10418-457, Op. 1 Hr., weak blow throout, Rec. 150' gas in DP, 30' O.W. w/show oil, FP 89-81/ 110/1 Hr., FSIP 149/1 Hr.
3 10447-513, Op. 2 Hrs. Gas in 20 mins., died in 1 Hr. 45 mins., rev. out 4%oil. Rec. GCOCM&W (est. 10% oil) 3060' clear salt wtr., FP 1063-1035/1 ISIP 1544/1 Hr.; FSIP 3445/2 Hr. - min.
1 DST 10410-428, 6" blow, 17 min. time. Rec. 5' mud. 17 feet time w/show
2 Core 10428-452, Rec. 24' show lime
3 DST 10480-550, Op. 1½ Hr. Rec. 720' SIGCM, 120' M. FP 60/60-180/180, FSIP
4 DST 10535-640, Op. 1½ Hrs. ISIP 2047/30" FSIP 3023/30"
1 DST 10432-480', Op. 2½ Hr. GTS 5 min. Rec. 1240' GIP, 1240' SOCM, FP 30/51-86/161-341/414
2 DST 10475-525, Op. 1½ Hr. G in 7½min. Rec. 2809' FSIP 3087, FP 38/52-81/151
IPF 1262 w/PP, 10438-512 A/250 gals. Sum Frank, Inj. rate 3BPM, Trtd. 14,405 to 10,660 Dwn. 15 1/2 BPM, 2209 BO + 200 BW in 25 days
X-SECTIONS
PERMO-PENN SECTIONS
HIGH PLAINS AREA
FEATHERSTONE
ELKAN #1
CAYMAN
HIGH PLAINS #1
TEXAS CRUDE
STATE "23" #1
23-14-34
WOLFCAMP "XX"
B
B'
PERMO-PENN
POROUS
SECTION
1 DST 10460-500, Op. 40 min. Rec. 60' MCO&W (est. 10% oil) BOS ACW-MCW in 33" at 1st 10 min. & 1" oil in DP in 8 min. FP 15-27/ MOPH. FP 75-100, FP 30/60/2 hr.
2 DST 10491-528, Op. 1½ hr. GTS in 5 min. & 1.8" MCFPD on 1" obl. oil in 40 min. & est. rate 20 BOPH. FP 897-1935, SIP 2909/3 Hr.
3 DST 10923-560, Op 1½ hr is a weak to good blow in 15 min. & died in 1 hr. 45 min. Rec. 30' SIGCM, 2' mud, FP 460-1690, SIP 3530/hr.
Prod thru perfs @ 10494-502, 10508-510, 10521-525, 10529-532 - 2 JPF A/500 gal. IPF 686 BOPD + 08 BWPD, GOR 1300, TP 280, CP Pkr., Grav. 44
1 DST 10450-481, Op. 2½ hr. GTS 5 min. OTS 1 hr. 55 min. F. est 20 MCFPD, rev. out 1000 w/slim oil & 9% wtr. Rec. 1000' SIP 3859/1 hr.
2 DST 10513-543, Op. 3 Hr. Rec. 1000' GIP, 1000' SOCM, 1000' slight oil & salt water, FP 153-529, SIP 3857/1 hr., A/500 gal.
Prod. zone - Prod thru perfs @ 10494-502 thru 3/4" Ch. Grey Eq. 3, GOR 1647-1, TP 1748, CP pkr.
R. 34 E
PROPOSED LOCATION
EAST SAUNDERS
HIGH PLAINS
T. 14 S.
ISOPACH MAP
PERMO-PENN NET POROSITY
C.I. = 10'
R. 34 E
PROPOSED LOCATION
EAST SAUNDERS
HIGH PLAINS
T. 14 S.
STRUCTURE MAP
DATUM - T/PERMO-PENN
C.I. = 50'
CAYMAN CORP.
HIGH PLAINS PROSPECT
LEA COUNTY, N.M.
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 4149
W.N.M.C.P. MICROGRAPHICS
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