COUNTY CHAVES FIELD Haystack STATE NM 30-015-60199

OPR BLACKROCK OIL CO. MAP

1 Bates-McIntyre-Federal

Sec 9, T-6-S, R-27-E CO-ORD

1980' FNL, 660' FEL of Sec

Spd 11-16-71 CLASS EL

	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING				
8 5/8" at 1186' w/490 sx				
5 1/2" at 6477' w/300 sx				
LOGS EL GR RA IND HC A				

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CONT. Ard PROP DEPTH 6500' TYPE RT

DATE

F.R. 11-16-71; Opr's Elev. 3973' GL
(Devonian)

11-22-71 Drlg. 3076' lm & sd

11-27-71 TD 5230'; Trip

12-6-71 TD 6220'; Prep DST 6156-6220'
DST 5716-90'; Pkr Failed
DST 5716-90'; Pkr Failed
DST (Cisco) 5735-5860', open 1 hr 45 mins, GTS 3 mins, @ 3200 MCFGPD thru 1/2" chk, SFP 480#, rec 750' salt wtr, 45 mins ISIP 2355#, FP 112-1368#, 1 hr 30 min FSIP 2343#, HP 3099#

12-13-71 TD 6477'; MORT
DST (Devonian) 6156-6220', open 1 hr 45 mins, Rec 240' GCDM, 2460' salt wtr, 45 min ISIP 2586#, FP 599-1586#, 2 hr FSIP 2496#, HP 3330#
DST 6290-6409', open 30 mins, rec 35' DM, ISIP 181#, FP 117-117#, FSIP 155#, HP 3414#
DST 6437-77', open 1 hr, rec 80' DM, ISIP 187#, FP 74-99#, FSIP 177#, HP 3458#

12-20-71 TD 6477'; PBD 6238'; Swbg
Perf (Upper Devonian) @ 6254', 6256', 6258', 6261', 6263', 6266', 6271', 6273', 6275' w/1 SPI
Acid (6254-75') 500 gals
Swbd ld & swbd down (6254-75')
Acid (6254-75') 1500 gals

12-20-71 Continued
Swbd load & swbd down (6254-75')
BP @ 6238'
Perf @ 6159', 6160', 6161', 6162', 6164', 6166', 6185', 6186', 6187', 6188', w/1 SPI
Acid (6159-88') 500 gals
Swbd 35 BLW & Swbd down (6159-88')

1-3-72 TD 6477'; PBD 5756'; Prep Acidize
Perf @ 5731', 5738', 5742', 5768', 5784', 5786', 5788', 5789', 5827', 5829' w/1L SPI
Swbd part of load (5731-5829')
Sqzd 5731-5829', w/150 sx
Drld. out to 5756'
Perf @ 5729', 5731', 5733', 5735', 5736', 5737' w/1 SPI
Acid (5729-37') 500 gals
Swbd dry (5729-37')

1-10-72 TD 6477'; PBD 5756'; SI
Acid (5729-37') 7000 gals
Flwd gas @ 350 MCFGPD + 20 BFWPH for 8 hrs (5729-37')

2-7-72 TD 6477'; PBD 5680'; SI
Sqzd 5729-37' w/25 sx
LOG TOPS: Yates 185', San Andres 1170', Glorieta 2351', Abo 4448', Wolfcamp 5148', Cisco 5680', Mississippian 6196', Devonian 6379'

2-21-72 TD 6477'; PBD 5680'; SI

2-28-72 TD 6477'; PBD 5835'; Prep Tst
Drld out to 5835'
(Csg Sqzd) Perf 5825-39' w/12 shots
Sqzd (5825-39') w/100 sx
Perf @ 5783', 5784'
Acid (5783-84') 500 gals

3-6-72 TD 6477'; PBD 5835'; Prep run 4 Points

3-19-72 TD 6477 PBD 5835 wo Pot.

3-20-72 TD 6477 PBD 5835 WO OCC Pot.
CAOF 794 MCFPD (5783-84)