

COUNTY	LEA	FIELD Wildcat	STATE NM
OPR	PENNZOIL COMPANY		MAP
1	Bridges-State		
Sec. 11, T-17-S, R-34-E	CO-ORD		
660' FNL, 660' FEL of Sec.	MN 21712		
Spd 11-5-65	CLASS E		
Cmp 4-23-66	FORMATION	DATUM	FORMATION DATUM
CSG & SX - TUBING			
13 3/8" 421' 425			
9 5/8" 4990' 1050			
7" 12725' 700			
LOGS EL GR RA IND HC A			
	TD 13370', PBD 12165'		

IP Morrow Perfs 11960-979' Flwd 215 BOPD. Pot. Based on 24
hr test thru 20/64" chk., TP 1670#, gravity 48.6, GOR
12,465.

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CONT. Marcum Drlg. Co. PROP DEPTH 14,500' TYPE
DATE

F.R. 11-4-65
PD 14,500' - Devonian
Contractor - Marcum Drlg. Co.
11-8-65 Drlg. 1620'.
11-15-65 Drlg. 4170'.
11-22-65 Drlg. 4900' lm.
11-29-65 Drlg. 6052'.
12-6-65 Drlg. 7475'.
12-13-65 Drlg. 8635'.
12-20-65 Drlg. 9593' lm.
SP DST 8549-8618', open 1 hr 15 mins,
Rec 510' DW,
1 hr 20 min ISIP 3244#, FP 138-277#,
1 hr FSIP 3110#.

1-3-66

Drlg. 10660'.
DST 10515-545', open 3 hrs 15 mins,
GTS 50 mins @ TSTM,
Rec 270' free oil (Gravity 38.) +
90' O&GCM,
1 hr ISIP 2790#, FP 60-92#,
2 hr 30 min FSIP 1585#.
DST 10553-624', open 2 hrs,
GTS 10 mins @ 400 MCFGPD
Rev out 8 BGC Oil, 5 BO&GCM + 1½ Bbls
Sli GCM,
1 hr 30 min ISIP 4032#, FP 174-611#,
2 hr FSIP 3777#.

1-10-66

Drlg. 11174'.
SP DST 9735-9920', open 1 hr 15 mins,
Rec 196' Sli O&GCM,
1 hr ISIP 254#, FP 69-92#.

1-17-66

1 hr FSIP 231#.
Drlg. 11680' 1m & sh.
DST 11066-210', open 2 hrs 36 mins,
Rec 1 quart free oil, 1000' GCWB, 180'
GCM,
1 hr 30 min ISIP 3424#, FP 669-692#,
2 hr FSIP 946#.

1-24-66

TD 11984', on DST 11931-984'.
DST 11835-915', open 2 hrs 15 mins,
GTS 1 hr 45 mins @ TSTM,
Rec 2500' GCWB + 300' GCM,
1 hr ISIP 6262#, FP 1248-1312#,
2 hr FSIP 6539#.

1-31-66 Drlg. 12285 .
DST 11931-984', open 37 mins,
Used 2500' WB, G&WBTS 7 mins,
Gas @ 3500 MCFGPD increasing to
7000 MCFGPD in 30 mins on 1/4" chk.,
SEF 4400#,
SI for safety purposes,
Lost all fluid recovery
2 hr 43 min ISIP 6987#, FP 4723-6774#,
11 hr 25 min FSIP 7022#.

2-7-66 Drlg. 12613'.
2-14-66 TD 12725', drlg cement.
2-21-66 TD 13067', prep to DST.
DST 13005-040', open 3 hrs 30 mins,
GTS 20 mins @ TSTM,
Rec 2200' GCM,

2-28-66 1 hr ISIP 1431#, FP 235-612#,
2 hr FSIP 930#.
TD 13370', running logs.
DST 13017-067', open 2 hrs,
Rec 4500' DM,
1 hr ISIP 1381#, FP 714-1091#,
1 hr 30 min FSIP 1378#, HP 5938-5938#.
DST 13065-207', open 1 hr,
Rec 1848' DM,
ISIP 1838#, FP 227-433#,
FSIP 987#, HP 6078-6078#.

3-7-66 TD 13370', PBD 12165', WO Completion Unit.
DST 13207-370', open 2 hrs 10 mins,
Rec 350' Sli G&WC DM + 3750' Sli Sul Wtr,
1 hr ISIP 5322#, FP 525-1847#,
1 hr FSIP 5322#.
Set CIBP @ 12220'

3-14-66 TD 13370', PBD 12165', prep to perf.
3-21-66 TD 13370', PBD 12165', tstg.
Perf 11962-968', 11970-976' W/4 SPF
Unable to break down
Perf 11962-968', 11970-976' W/2 SPF
Flwd 250 MCFGPD + 1 B Cond. PH thru
10/64" chk., TP 800#.
3-28-66 TD 13370', PBD 12165', tstg.
Flwd 920 MCFGPD + 50 B Cond. in 24 hrs
thru 16/64" chk.,
4-4-66 TD 13370', PBD 12165', tstg (no gauge)
Perf 11960-964', 11972-979' W/2 SPF
4-11-66 TD 13370', PBD 12165', running 4-point
test.
4-18-66 TD 13370', PBD 12165', WO Potential.
4-25-66 TD 13370', PBD 12165', WO 4-point test.
CAOF 3100 MCFGPD.

5-2-66 TD 13370', PBD 12165', WO 4-point test.
5-9-66 TD 13370', PBD 12165', WO Potential.
Re-Classified by OCC as oil well.
5-16-66 TD 13370', PBD 12165', WO Potential.
5-23-66 TD 13370', PBD 12165', WO Potential.
5-31-66 TD 13370', PBD 12165', WO Potential.
6-6-66 TD 13370', PBD 12165', WO Potential.
(Final posting until status changes)
7-18-66 TD 13370', PBD 12165', COMPLETED.
Natural
LOG TOPS: Glorieta 6073', Paddock 6170',
Tubb 7360', Abo 8030', Wolfcamp 9450',
Pennsylvanian 10770', Strawn 11183',
Atoka 11530', Mississippian 12154',
Devonian 13000'.

COUNTY LEA FIELD Vacuum, N. MN 21712
 OPR PENNZOIL UNITED, INC. STATE NM OWWO
 1 Bridges-State MAP
 Sec 11, T-17-S, R-34-E
 660' FNL, 660' FEL of Sec. CO-ORD

Re-Cmp 3-26-70		CLASS OWWF	
FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING			
13 3/8" at 421' w/425 sx			
9 5/8" at 4990' w/1050 sx			
7" at 12,725' w/700 sx			
LOGS EL GR RA IND HC A			
TD 13,370'		PBD 8630'	

IP (Abo) Perfs 8574-8617' P 75 BOPD + 11 BW. Pot based on 24 hr test.

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CONT. PROP DEPTH 8600' TYPE WO
 DATE

F.R.C. 5-21-70
 PD 8600' - WO - Abo
 (Orig. cmp 4-23-66 thru (Morrow) Perfs
 11,960-979', OTD 13,370', OPB 12,165';
 OWWO re-cmp 5-29-69 thru (Lower Wolfcamp)
 Perfs 10,516-563', OPB 10,620')
 5-18-70 TD 13,370', PBD 8630', COMPLETE
 PB to 8630'
 Perf (Abo) @ 8574', 8575', 8576', 8577',
 8596', 8597', 8604', 8605', 8606', 8607',
 8608', 8609', 8615', 8617' w/1 SPI
 Acid (8574-8617') 150 gals
 5-21-70 COMPLETION REPORTED

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CONT.	PROP. DEPTH	1	RE	W
DATE				

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F.R.C. 6-12-69
PD 10,563' WG (Lower Wolfcamp)
(Orig. comp 4-23-66 thru (Morrow) Perf 10,563' to 9799'
979', OTD 13,370', OPB 12,165')
6-9-69 TD 13,370'; PBD 10,620'; COMPLETE
PB to 10,620'
Perf @ 10,516', 10,518', 10,520', 10,522', 10,524',
10,542', 10,548', 10,550', 10,561', 10,563', 10,565', 10,567', 10,569', 10,571', 10,573', 10,575', 10,577', 10,579', 10,581', 10,583', 10,585', 10,587', 10,589', 10,591', 10,593', 10,595', 10,597', 10,599', 10,601', 10,603', 10,605', 10,607', 10,609', 10,611', 10,613', 10,615', 10,617', 10,619', 10,621', 10,623', 10,625', 10,627', 10,629', 10,631', 10,633', 10,635', 10,637', 10,639', 10,641', 10,643', 10,645', 10,647', 10,649', 10,651', 10,653', 10,655', 10,657', 10,659', 10,661', 10,663', 10,665', 10,667', 10,669', 10,671', 10,673', 10,675', 10,677', 10,679', 10,681', 10,683', 10,685', 10,687', 10,689', 10,691', 10,693', 10,695', 10,697', 10,699', 10,701', 10,703', 10,705', 10,707', 10,709', 10,711', 10,713', 10,715', 10,717', 10,719', 10,721', 10,723', 10,725', 10,727', 10,729', 10,731', 10,733', 10,735', 10,737', 10,739', 10,741', 10,743', 10,745', 10,747', 10,749', 10,751', 10,753', 10,755', 10,757', 10,759', 10,761', 10,763', 10,765', 10,767', 10,769', 10,771', 10,773', 10,775', 10,777', 10,779', 10,781', 10,783', 10,785', 10,787', 10,789', 10,791', 10,793', 10,795', 10,797', 10,799', 10,801', 10,803', 10,805', 10,807', 10,809', 10,811', 10,813', 10,815', 10,817', 10,819', 10,821', 10,823', 10,825', 10,827', 10,829', 10,831', 10,833', 10,835', 10,837', 10,839', 10,841', 10,843', 10,845', 10,847', 10,849', 10,851', 10,853', 10,855', 10,857', 10,859', 10,861', 10,863', 10,865', 10,867', 10,869', 10,871', 10,873', 10,875', 10,877', 10,879', 10,881', 10,883', 10,885', 10,887', 10,889', 10,891', 10,893', 10,895', 10,897', 10,899', 10,901', 10,903', 10,905', 10,907', 10,909', 10,911', 10,913', 10,915', 10,917', 10,919', 10,921', 10,923', 10,925', 10,927', 10,929', 10,931', 10,933', 10,935', 10,937', 10,939', 10,941', 10,943', 10,945', 10,947', 10,949', 10,951', 10,953', 10,955', 10,957', 10,959', 10,961', 10,963', 10,965', 10,967', 10,969', 10,971', 10,973', 10,975', 10,977', 10,979', 10,981', 10,983', 10,985', 10,987', 10,989', 10,991', 10,993', 10,995', 10,997', 10,999', 11,001', 11,003', 11,005', 11,007', 11,009', 11,011', 11,013', 11,015', 11,017', 11,019', 11,021', 11,023', 11,025', 11,027', 11,029', 11,031', 11,033', 11,035', 11,037', 11,039', 11,041', 11,043', 11,045', 11,047', 11,049', 11,051', 11,053', 11,055', 11,057', 11,059', 11,061', 11,063', 11,065', 11,067', 11,069', 11,071', 11,073', 11,075', 11,077', 11,079', 11,081', 11,083', 11,085', 11,087', 11,089', 11,091', 11,093', 11,095', 11,097', 11,099', 11,101', 11,103', 11,105', 11,107', 11,109', 11,111', 11,113', 11,115', 11,117', 11,119', 11,121', 11,123', 11,125', 11,127', 11,129', 11,131', 11,133', 11,135', 11,137', 11,139', 11,141', 11,143', 11,145', 11,147', 11,149', 11,151', 11,153', 11,155', 11,157', 11,159', 11,161', 11,163', 11,165', 11,167', 11,169', 11,171', 11,173', 11,175', 11,177', 11,179', 11,181', 11,183', 11,185', 11,187', 11,189', 11,191', 11,193', 11,195', 11,197', 11,199', 11,201', 11,203', 11,205', 11,207', 11,209', 11,211', 11,213', 11,215', 11,217', 11,219', 11,221', 11,223', 11,225', 11,227', 11,229', 11,231', 11,233', 11,235', 11,237', 11,239', 11,241', 11,243', 11,245', 11,247', 11,249', 11,251', 11,253', 11,255', 11,257', 11,259', 11,261', 11,263', 11,265', 11,267', 11,269', 11,271', 11,273', 11,275', 11,277', 11,279', 11,281', 11,283', 11,285', 11,287', 11,289', 11,291', 11,293', 11,295', 11,297', 11,299', 11,301', 11,303', 11,305', 11,307', 11,309', 11,311', 11,313', 11,315', 11,317', 11,319', 11,321', 11,323', 11,325', 11,327', 11,329', 11,331', 11,333', 11,335', 11,337', 11,339', 11,341', 11,343', 11,345', 11,347', 11,349', 11,351', 11,353', 11,355', 11,357', 11,359', 11,361', 11,363', 11,365', 11,367', 11,369', 11,371', 11,373', 11,375', 11,377', 11,379', 11,381', 11,383', 11,385', 11,387', 11,389', 11,391', 11,393', 11,395', 11,397', 11,399', 11,401', 11,403', 11,405', 11,407', 11,409', 11,411', 11,413', 11,415', 11,417', 11,419', 11,421', 11,423', 11,425', 11,427', 11,429', 11,431', 11,433', 11,435', 11,437', 11,439', 11,441', 11,443', 11,445', 11,447', 11,449', 11,451', 11,453', 11,455', 11,457', 11,459', 11,461', 11,463', 11,465', 11,467', 11,469', 11,471', 11,473', 11,475', 11,477', 11,479', 11,481', 11,483', 11,485', 11,487', 11,489', 11,491', 11,493', 11,495', 11,497', 11,499', 11,501', 11,503', 11,505', 11,507', 11,509', 11,511', 11,513', 11,515', 11,517', 11,519', 11,521', 11,523', 11,525', 11,527', 11,529', 11,531', 11,5