

New Mexico
Energy Minerals and Natural Resources Department

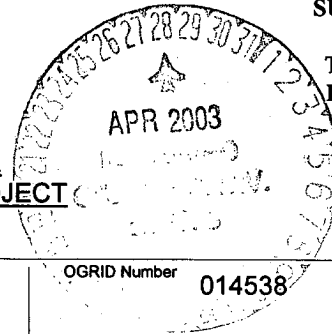
Form C-140
Revised 06/99

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

APPLICATION FOR
WELL WORKOVER PROJECT



I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499				OGRID Number 014538	
Contact Party Peggy Cole				Phone 505/326-9700	
Property Name CAIN			Well Number 16		API Number 3004507794
UL N	Section 30	Township 29 N	Range 9 W	Feet From The 1050 FSL	Feet From The 1170 FWL
					County SAN JUAN

II. Workover

Date Workover Commenced 8/19/2002	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 9/7/2002	

- III. Attach a description of the Workover Procedures performed to increase production.
IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
V. AFFIDAVIT:

State of <u>New Mexico</u>) County of <u>San Juan</u>) ss. <u>Peggy Cole</u> , being first duly sworn, upon oath states: 1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well. 2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well. 3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate. Signature <u>Peggy Cole</u> Title <u>Regulatory Administrator</u> Date <u>4-24-03</u> SUBSCRIBED AND SWORN TO before me this <u>24</u> day of <u>April</u> , <u>2003</u> . My Commission expires: <u>September 15, 2004</u> Notary Public <u>Tamatha Wimsatt</u>	
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FOR OIL CONSERVATION DIVISION USE ONLY:

IV. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed 9-7, 2002.

Signature District Supervisor <u>Charlie Herron</u>	OCD District <u>AZTEC III</u>	Date <u>4-29-2003</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BASIN DAKOTA	BLANCO MESAVERDE	OTERO CHACRA (GAS)
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9/1/2001	115		
10/1/2001	56		
11/1/2001	376		
12/1/2001	415		
1/1/2002	671		
2/1/2002	239		
3/1/2002	375		
4/1/2002	698		
5/1/2002	810		
6/1/2002	737		
7/1/2002	867		
8/1/2002	389		
9/1/2002	3616	3509	3509
10/1/2002	4977	4830	4831
11/1/2002	4086	3965	3965
12/1/2002	2646	2569	2569

Operations Summary Report

Legal Well Name: CAIN #16

Common Well Name: CAIN #16

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 8/19/2002

Rig Release: 9/7/2002

Rig Number: 29

Spud Date: 8/9/1961

End: 9/7/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2002	05:30 - 07:00	1.50	SRIG	a	PREWRK	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	PREWRK	SAFETY MEETING { RURD }
	07:15 - 11:30	4.25	MIMO	a	PREWRK	MOVE IN RIG UP DRAKE #29 & ASSOCIATED EQUIPMENT AS IT ARRIVED ON LOCATION, START BLOWING DOWN WELL,{ FULL 2" STREAM OF WATER FLOWING FROM BRADEN HEAD }
	11:30 - 12:30	1.00	NUND	a	PREWRK	ND WELLHEAD, NU BOP, RIG UP FLOOR TO PULL TBG
	12:30 - 14:15	1.75	TRIP	a	OBJECT	PULL TBG HANGER, STRIPPER RUBBER, POOH W/ 207 JTS 2-3/8" EUE 8RD 4.7# TBG, SLM
	14:15 - 16:00	1.75	TRIP	a	OBJECT	PICK UP 4-1/2" CIBP, RIH ON 2-3/8" TBG TO 6270', SET CIBP
	16:00 - 16:45	0.75	CIRC	a	OBJECT	LOAD HOLE W/ 90 BBLS 2% KCL
	16:45 - 17:00	0.25	PRES	a	OBJECT	TEST CIBP & CSG TO 1000 PSI
	17:00 - 18:30	1.50	TRIP	a	OBJECT	POOH, LAY DOWN SETTING TOOL, SDFD
	18:30 - 19:00	0.30	SAFE	a	PREWRK	ROAD CREW TO LOCATION, SERVICE RIG
8/21/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	SAFETY MEETING { RU WIRELINE }
	07:00 - 07:15	0.25	SAFE	a	OBJECT	RIG UP BASIN WIRELINE
	07:15 - 07:30	0.25	RURD	a	OBJECT	RUN GR/CCL/CBL 4650' - SURFACE, TOC @ 3610', RD WIRELINE, RUN LOG UNDER 1000 PSI
	07:30 - 09:30	2.00	CASE	a	OBJECT	RIH W/ BAKER FULL BORE PKR TO 55', TEST CASING TO 3000#
	09:30 - 10:00	0.50	PRES	a	OBJECT	SEND LOG TO OFFICE FOR EVALUATION
	10:00 - 12:15	2.25	WAIT	a	OBJECT	RU BASIN WIRELINE, SHOOT ONE SQUEEZE HOLE @ 3400' .32" DIA.
	12:15 - 13:00	0.75	PERF	a	OBJECT	BUCKET TEST FLOW OUT BRADEN HEAD @ 30 BBLS/HR, ESTABLISH INJECTION RATE OF 4 BPM @ 700 PSI, BUCKET TEST FLOW WHILE INJECTING INTO SQUEEZE HOLE W/ NO CHANGE
	13:00 - 13:15	0.25	PUMP	a	OBJECT	MAKE UP 4-1/2 CMT RETAINER, RIH TO 3362'
	13:15 - 13:45	0.50	TRIP	a	OBJECT	PUMP TBG CAPACITY THRU RETAINER, SET RETAINER @ 3362', TEST TBG TO 1500 PSI
	13:45 - 14:15	0.50	PRES	a	OBJECT	RIG UP BJ CMT EQUIPMENT, TEST LINES TO 3000#, ESTABLISH INJECTION RATE OF 2-1/2 BPM @ 520 PSI, CMT THRU RETAINER W/ 150 SKS TYPE "3" CMT W/ 2% CACL2 @ MAX PSI OF 730#, TRAPPED 380 PSI BELOW RETAINER, PULL OUT OF RETAINER, REVERSE 1-1/2 TBG CAPACITY
	14:15 - 15:30	1.25	CEMT	a	OBJECT	POOH, LAY DOWN SETTING TOOL
	15:30 - 16:15	0.75	TRIP	a	OBJECT	RIG UP WIRELINE, PERFORATE ONE SQUEEZE HOLE @ 2862'
	16:15 - 16:45	0.50	PERF	a	OBJECT	MAKE UP BAKER FULL BORE PKR, RIH TO 2542'
	16:45 - 17:30	0.75	TRIP	a	OBJECT	SET PKR @ 2542', PRESSURE ANNULUS TO 600 PSI, ISTABLISH INJECTION RATE OF 1-1/2 BPM @ 915#, PUMP 20 BBLS WATER W/ NO INCREASE IN FLOW OUT BRADEN HEAD, CMT SQUEEZE W/ 150 SKS TYPE "3" CMT, MAX PRESSURE 1050#, DISPLACE 3 BBLS BELOW PKR, SHUT WELL IN OVERNIGHT
8/22/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { BLOWING DOWN WELL{ BRADEN HEAD HAD 80 PSI }
	07:15 - 07:45	0.50	TRIP	a	OBJECT	RELEASE PKR, POOH, LD PKR
	07:45 - 08:15	0.50	TRIP	a	OBJECT	PICK UP 3-7/8" BIT, TIH, TAG GOOD CMT @ 2709'
	08:15 - 08:30	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	08:30 - 10:00	1.50	DRLG	a	OBJECT	DRILL GOOD CMT 2709' - 2865' , RUN BIT TO 3320'
	10:00 - 10:15	0.25	PRES	a	OBJECT	PRESSURE TEST SQUEEZE TO 500 PSI
	10:15 - 10:30	0.25	TRIP	a	OBJECT	TIH, TAG CMT @ 3355'
	10:30 - 10:45	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	10:45 - 16:15	5.50	DRLG	a	OBJECT	DRILL CMT 3355' - 3362', DRILL CMT RETAINER, UNABLE TO MAKE HOLE AFTER 5 HRS
	16:15 - 16:30	0.25	PULD	a	OBJECT	STAND BACK SWIVEL

Operations Summary Report

Legal Well Name: CAIN #16

Common Well Name: CAIN #16

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 8/19/2002

Rig Release: 9/7/2002

Rig Number: 29

Spud Date: 8/9/1961

End: 9/7/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/22/2002	16:30 - 17:00	0.50	TRIP	a	OBJECT	POOH, LD BIT, PU 3-7/8" MILL
	17:00 - 17:30	0.50	TRIP	a	OBJECT	TIH W/ 3-7/8" MILL
	17:30 - 17:45	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	17:45 - 19:45	2.00	DRLG	a	OBJECT	MILL OUT RETAINER, DRILL HARD CMT TO 3412'
	19:45 - 20:00	0.25	TRIP	a	OBJECT	RIH TO 4615'
8/23/2002	20:00 - 20:15	0.25	PRES	a	OBJECT	PRESSURE TEST SQUEEZE TO 500#
	20:15 - 20:45	0.50	DISP	a	OBJECT	DISPLACE HOLE W/ CLEAN 2% KCL WTR
	05:00 - 05:45	0.75	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	05:45 - 06:00	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING PIPE }
	06:00 - 06:30	0.50	TRIP	a	OBJECT	POOH, LAY DOWN MILL
	06:30 - 08:00	1.50	WAIT	a	OBJECT	WAIT ON BASIN WIRELINE { BASIN WAS TO BE ON LOCATION @ 0630 HRS, DID NOT SHOW UP UNTIL 0800 }
	08:00 - 09:15	1.25	CASE	a	OBJECT	RIG UP BASIN WIRELINE, RUN GR/CCL/CBL 3700' - 2350', GOOD CMT BOND 3602' - 2570', TOC @ 2570'
	09:15 - 10:00	0.75	PERF	a	OBJECT	RIH W/ 3-1/8" PERF GUN, GUN DID NOT FIRE
	10:00 - 11:00	1.00	PERF	a	OBJECT	PERFORATE 4592' - 3903' W/ 3-1/8" CSG GUN ONE SPF W/ OWEN 306T 12 GRAM CHARGES, UTILIZING SELECT FIRE SYSTEM
	11:00 - 11:45	0.75	TRIP	a	OBJECT	PICK UP BAKER FULL BORE PKR, RIH, SET PKR @ 3743'
	11:45 - 12:30	0.75	RURD	a	OBJECT	RIG UP DOWELL
	12:30 - 12:45	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ ALL 27 PEOPLE ON LOCATION
	12:45 - 13:00	0.25	PRES	a	OBJECT	PRESSURE TEST LINES TO 4000#
	13:00 - 13:15	0.25	STIM	a	OBJECT	BREAK DOWN PERFS @ 500 PSI @ 2.8 BPM, ACIDIZE W/ 2500 GALS 15% HCL @ 6 BPM @ 1500 PSI, BALLED OFF PERFS, SURGE BALLS, FLUSH W/ 2% KCL WATER
	13:15 - 14:30	1.25	TRIP	a	OBJECT	RELEASE PKR, RUN TO 4600' TO KNOCK OFF BALLS, POOH, LAY DOWN PKR
	14:30 - 15:00	0.50	RURD	a	OBJECT	RIG UP CAMRON ISOLATION TOOL, W/ BAKER PKR & TWO JTS 2-7/8" N-80 TBG
	15:00 - 15:15	0.25	RURD	a	OBJECT	RIG UP DOWELL
	15:15 - 15:30	0.25	PRES	a	OBJECT	TEST LINES TO 4000#
	15:30 - 17:15	1.75	FRAC	a	OBJECT	FRAC PTLO-MEN AS FOLLOWS, PUMPED 21,000 GALS SLICKWATER PAD @ 42 -49 BPM @ 2893# - 2940#, PUMPED 150,000# 20/40/ARIZONA SAND @ .5PPG - 2PPG CONC @ 49 - 52 BPM @ 2600PSI - 2940 PSI, DISPLACE W/ 60 BBLs WATER
	17:15 - 17:45	0.50	RURD	a	OBJECT	RIG DOWN ISOLATION TOOL, RIG UP WIRELINE
	17:45 - 18:15	0.50	CASE	a	OBJECT	SET CIBP IN 4-1/2" CSG @ 3372'
	18:15 - 18:30	0.25	PRES	a	OBJECT	PRESSURE TEST CIBP TO 500 PSI
	18:30 - 19:15	0.75	PERF	a	OBJECT	PERFORATE CHACRA 2971' - 3294' W/ 3-1/8" CSG GUN W/ 306T 12 GRAM CHARGES FOR A TOTAL OF 30 HOLES UTILIZING SELECT FIRE SYSTEM , RD WIRELINE
8/24/2002	19:15 - 19:45	0.50	RURD	a	OBJECT	RIG UP CAMRON ISOLATION TOOL W TWO JTS 2-7/8" N-80 TBG & BAKER PKR SET @ 55'
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { FRAC PROCEDURE }
	07:15 - 07:30	0.25	RURD	a	OBJECT	RIG UP DOWELL
	07:30 - 07:45	0.25	PRES	a	OBJECT	PRESSURE TEST LINES TO 4300 PSI
	07:45 - 09:00	1.25	FRAC	a	OBJECT	FRAC CHACRA AS FOLLOWS, PUMPED 10,000 GALS 75 QUALITY FOAM PAD @ 20 - 40 BPM @ 3150 PSI - 2463 PSI W/ 20# LINEAR GEL, PUMPED 200,000# 20/40 ARIZONA SAND @ 1# - 3# CONC. @ 40 BPM @ 2780 PSI - 2509 PSI, DISPLACED W/ 11 FLUID BBLs & 13,300 SCF N2, ISIP= 1475 PSI
	09:00 - 09:30	0.50	RURD	a	OBJECT	RIG DOWN DOWELL, RIG UP FLOW BACK LINES & MANIFOLD
	09:30 - 05:30	20.00	FLOW	a	OBJECT	FLOW BACK WELL ON CHOKE SCHEDUAL

Operations Summary Report

Legal Well Name: CAIN #16
 Common Well Name: CAIN #16
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 8/19/2002
 Rig Release: 9/7/2002
 Rig Number: 29

Spud Date: 8/9/1961
 End: 9/7/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/24/2002	09:30 - 05:30	20.00	FLOW	a	OBJECT	TIME---CHK---PSI---WTR---SND 1000 10 1375 HF HS 1900 12 1175 HF 0 2100 14 1225 MF 0 2300 16 1150 LF 0 0399 18 925 HF-HM 0 0500 18 700 HF-LM 0
8/25/2002	05:30 - 18:00	12.50	FLOW	a	OBJECT	FLOW WELL ON CHOKE SCHEDUAL TIME---PSI---CHK---SND---WTR 0700 750 20 0 LF 1100 450 22 0 LF 1400 375 24 LITE MM 1700 125 28 0 MM 1800 20 2" 0 MM SHUT WELL IN FOR WEEKEND
8/27/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING PIPE }
	07:15 - 08:00	0.75	RURD	a	OBJECT	RIG UP BLOOIE LINE, FLOW NIPPLE
	08:00 - 08:45	0.75	TRIP	a	OBJECT	MAKE UP 3-7/8" MILL, TIH, TAG SAND FILL @ 3310'
	08:45 - 09:00	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	09:00 - 09:15	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION
	09:15 - 10:00	0.75	COUT	a	OBJECT	CLEAN OUT SAND FILL 3310' TO CIBP @ 3372'
	10:00 - 15:00	5.00	COUT	a	OBJECT	CIR W/ ONE & ONE , FLOW NATURAL, WELL MAKING 13 BWPH W/ MEDIUM SAND
	15:00 - 17:30	2.50	MILL	a	OBJECT	MILL CIBP @ 3372'
	17:30 - 18:00	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 4 BBL SWEEPS
	18:00 - 18:30	0.50	TRIP	a	OBJECT	PUSH JUNK TO 4650'
	18:30 - 05:30	11.00	COUT	a	OBJECT	FLOW WELL NATURAL, BLOW W/ AIR MIST TO CLEAN UP SAND, WELL MAKING 31 BWPH W/ HEAVY SAND, DECREASING TO 25 BWPH & HEAVY SAND OVERNIGHT
8/28/2002	05:30 - 05:30	24.00	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR/MIST TO CLEAN UP FOF SEP. TEST, WELL MAKING , 25 BWPH W/ HEAVY SAND, DECREASING TO 12 BWPH & MEDIUM SAND, OVERNIGHT
8/29/2002	05:30 - 05:30	24.00	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR/MIST TO CLEAN UP FOR SEP. TEST, WELL MAKING 12 BWPH W/ MEDIUM SAND, DECREASING TO 5.5 BWPH W/ MEDIUM SAND OVERNIGHT
8/30/2002	05:30 - 05:30	24.00	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR/MIST TO CLEAN UP FOR SEP. TEST, WELL MAKING 5.5 BWPH W/ MEDIUM SAND, DECREASING TO 3.5 BWPH W/ TRACE OF SAND OVERNIGHT
8/31/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING }
	07:15 - 08:00	0.75	TRIP	a	OBJECT	POOH, LAY DOWN MILL
	08:00 - 09:00	1.00	TRIP	a	OBJECT	PICK UP BAKER PKR, TIH, SET PKR @ 3347'
	09:00 - 09:30	0.50	RURD	a	OBJECT	RIG UP TWO TEST UNITS
	09:30 - 14:15	4.75	TEST	a	OBJECT	TEST CHACRA UP 4-1/2" CSG @ 222 MCFD, PTLO/MEN UP TBG @ 340 MCFD W/ 160 PSI PSI BACK PRESSURE
	14:15 - 14:30	0.25	RURD	a	OBJECT	RIG DOWN TEST UNITS
	14:30 - 15:15	0.75	TRIP	a	OBJECT	CLOSE DOWNHOLE VALVE, POOH, LAY DOWN PKR
	15:15 - 16:15	1.00	TRIP	a	OBJECT	PICK UP BAKER 4-1/2" RBP, RIH & SET @ 2254'
	16:15 - 16:45	0.50	CIRC	a	OBJECT	LOAD HOLE W/ 2% KCL WTR
	16:45 - 17:00	0.25	PRES	a	OBJECT	TEST RBP TO 500 PSI

Operations Summary Report

Legal Well Name: CAIN #16

Common Well Name: CAIN #16

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 8/19/2002

Rig Release: 9/7/2002

Rig Number: 29

Spud Date: 8/9/1961

End: 9/7/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/31/2002	17:00 - 17:30	0.50	TRIP	a	OBJECT	POOH W/ TBG, LD SETTING TOOL
	17:30 - 18:00	0.50	SPOT	a	OBJECT	DUMP 10 GALS SAND DOWN CSG.,
9/4/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING, { RU WIRELINE }
	07:15 - 08:00	0.75	PERF	a	OBJECT	RU WIRELINE, PERF TWO SQUEEZE HOLES @ 2100'
	08:00 - 09:00	1.00	TRIP	a	OBJECT	RD WIRELINE, TIH W/ BAKER PKR, SET @ 1750'
	09:00 - 09:45	0.75	CIRC	a	OBJECT	PUMP 130 BBLS RED WATER THRU SQUEEZE HOLES, NO RETURN TO SURFACE
	09:45 - 10:45	1.00	RURD	a	OBJECT	RIG UP BJ SERVICES
	10:45 - 11:00	0.25	SAFE	a	OBJECT	SAFETY MEETING { CMT PROCEDURE }
	11:00 - 12:00	1.00	CEMT	a	OBJECT	CMT SQUEEZE HOLES @ 2100' AS FOLLOWS, ESTABLISH INJECTION RATE OF 2-1/2 BPM @ 850 PSI, PUMP 10 BBLS WTR AHEAD, CMT W/ 800 SKS TYPE "3" CMT @ 3-1/2 BPM @ 950 PSI, FLUSH W/ 9-1/2 BBLS FW { 3 BBLS BELOW PKR, SHUT WELL IN OVERNIGHT
9/5/2002	12:00 - 13:00	1.00	RURD	a	OBJECT	RIG DOWN BJ, SHUT IN OVERNIGHT
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING [CHECK FOR PRESSURE]
	07:15 - 07:30	0.25	FLOW	a	OBJECT	OPEN BEADEN HEAD VALVE, WELL FLOWING APPROX. 30 BWPH
	07:30 - 08:15	0.75	TRIP	a	OBJECT	RELEASE PKR, POOH, LD PKR
	08:15 - 08:45	0.50	TRIP	a	OBJECT	MAKE UP 3-7/8" BLADE BIT, TIH, TAG CMT @ 1940'
	08:45 - 09:00	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	09:00 - 09:45	0.75	DRLG	a	OBJECT	DRILL CMT TO 2010', HARD CMT 2010' - 2050'
	09:45 - 10:00	0.25	CIRC	a	OBJECT	CIRCULATE HOLE CLEAN
	10:00 - 10:30	0.50	TRIP	a	OBJECT	POOH W/ BIT
	10:30 - 10:45	0.25	PRES	a	OBJECT	PRESSURE TEST CMT PLUG TO 500 PSI
	10:45 - 11:45	1.00	CASE	a	OBJECT	RU WIRELINE, RUN GR/CCL/CBL 2040' - SURFACE, TOC @ 1948'
	11:45 - 13:45	2.00	WAIT	a	OBJECT	WAIT ON LOG EVALUATION FROM OFFICE
	13:45 - 14:00	0.25	PERF	a	OBJECT	PERFORATE ONE SQUEEZE HOLE @ 825', WELL FLOWING OUT CSG AFTER PERFORATING
	14:00 - 14:15	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION THRU SQUEEZE HOLE & SURFACE @ 4-1/2 BPM @ 500 PSI
	14:15 - 14:30	0.25	TRIP	a	OBJECT	TIH W/ BAKER PKR, SET PKR @ 510'
	14:30 - 15:00	0.50	RURD	a	OBJECT	RIG UP BJ SERVICES
	15:00 - 16:00	1.00	CEMT	a	OBJECT	CMT SQUEEZE HOLE @ 825' AS FOLLOWS, ESTABLISH INJECTION RATE OF 2 BPM @ 500 PSI, PUMP 400 SKS TYPE "3" CMT @ 2 BPM @ MAX PSI OF 600#, FLUS W/ 5-1/2 BBLS WTR, NO CMT TO SURFACE NOTE: FLOW FROM BRADEN HEAD STOPPED AFTER SHUTTING DOWN TO WASH LINES FOR FLUSH SHUT WELL IN OVERNIGHT
9/6/2002	16:00 - 17:00	1.00	RURD	a	OBJECT	RIG DOWN BJ, SECURE WELL OVERNIGHT
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { PICKING UP DCS }
	07:15 - 07:30	0.25	PRES	a	OBJECT	NO PRESSURE ON BRADEN HEAD, TEST TO 500#, HELD OK, TEST DOWN TBG TO 500#, HELD OK
	07:30 - 07:45	0.25	TRIP	a	OBJECT	RELEASE PKR, POOH, LD PKR
	07:45 - 08:15	0.50	TRIP	a	OBJECT	PICK UP BLADE BIT, FOUR 3-1/8" DCS, RIH TO 677', TAG CMT
	08:15 - 09:00	0.75	DRLG	a	OBJECT	PICK UP POWER SWIVEL, DRESS OFF CMT TO 775'
	09:00 - 09:15	0.25	PRES	a	OBJECT	TEST CMT TO 500#
	09:15 - 10:15	1.00	DRLG	a	OBJECT	DRILL HARD CMT 775' - 825'
	10:15 - 10:30	0.25	PRES	a	OBJECT	TEST SQUEEZE HOLE @ 825' TO 550 PSI
	10:30 - 10:45	0.25	TRIP	a	OBJECT	RIH W/ BIT TO 2050', TAG CMT
	10:45 - 11:15	0.50	DRLG	a	OBJECT	DRILL HARD CMT TO 2100'

Operations Summary Report

Legal Well Name: CAIN #16
 Common Well Name: CAIN #16
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 8/19/2002
 Rig Release: 9/7/2002
 Rig Number: 29

Spud Date: 8/9/1961
 End: 9/7/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/6/2002	11:15 - 11:30	0.25	PRES	a	OBJECT	PRESSURE TEST SQUEEZE HOLE @ 2100' TO 500#
	11:30 - 12:30	1.00	TRIP	a	OBJECT	POOH, LAY DOWN DCS
	12:30 - 13:30	1.00	TRIP	a	OBJECT	MAKE UP RETRIEVING TOOL, TIH TO 2230'
	13:30 - 13:45	0.25	COUT	a	OBJECT	WASH SAND TO 2254', LATCHED RBP & UNSET, WELL WENT ON VACUM, STUCK RBP
	13:45 - 14:15	0.50	STUK	a	OBJECT	WORK RBP TO 2344', UNABLE TO MOVE RBP UP OR DOWN
	14:15 - 16:00	1.75	CIRC	a	OBJECT	CIRCULATE & BLOW WELL BACK, WORK RBP LOOSE
	16:00 - 17:00	1.00	TRIP	a	OBJECT	POOH, LAY DOWN RBP
	17:00 - 18:00	1.00	TRIP	a	OBJECT	PICK UP 3-7/8" MILL, TIH TO 4550', FLOW NATURAL, BLOW W/ AIR/MIST TO CLEAN UP SAND & WTR
	18:00 - 05:30	11.50	BLOW	a	OBJECT	BLOW W/ AIR/MIST, FLOW NATURAL TO CLEAN UP SAND & WATER, WELL MAKING 4 1/2 BWPH W/ MEDIUM SAND, DECREASING TO 2 BWPH W/ TRACE OF SAND OVERNIGHT
						ROAD CREW TO LOCATION, SERVICE RIG
9/7/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	SAFETY MEETING [PPE]
	07:00 - 07:15	0.25	SAFE	a	OBJECT	TIH W/ MILL, TAG JUNK & SAND @ 5950'
	07:15 - 08:00	0.75	TRIP	a	OBJECT	PICK UP POWER SWIVEL, ESTABLISH CIRCULATION W/ TWO & ONE W/ 1350 SCFM AIR, 12 BBLs MIST, MILL PLUGGED OFF
	08:00 - 08:30	0.50	CIRC	a	OBJECT	SURGE TBG, UNABLE TO CIRCULATE
	08:30 - 10:00	1.50	CIRC	a	OBJECT	POOH, CLEAN PIECE OF WOOD OUT OF MILL, TIH TO 5950'
	10:00 - 13:00	3.00	TRIP	a	OBJECT	MILL ON JUNK, CLEAN OUT SAND TO CIBP @ 6270', SWEEP HOLE
9/8/2002	13:00 - 18:00	5.00	COUT	a	OBJECT	PUH TO BOTTOM PERF, SDFD
	18:00 - 18:30	0.50	TRIP	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	05:30 - 07:00	1.50	SRIG	a	OBJECT	SAFETY MEETING { TRIPPING }
	07:00 - 07:15	0.25	SAFE	a	OBJECT	TIH TO CIBP @ 6270'
	07:15 - 07:30	0.25	TRIP	a	OBJECT	MILL OUT CIBP
	07:30 - 08:00	0.50	MILL	a	OBJECT	RUN MILL TO PBD @ 6564'
	08:00 - 08:30	0.50	COUT	a	OBJECT	SWEEP HOLE W/ TWO 5 BBL SWEEPS
	08:30 - 09:00	0.50	CIRC	a	OBJECT	POOH, LAY DOWN MILL
	09:00 - 10:30	1.50	TRIP	a	OBJECT	TIH W/ NOTCHED COLLAR, TAIL JT, SEATING NIPPLE, 204 JTS
	10:30 - 12:15	1.75	TRIP	a	OBJECT	2-3/8" EUE 8RD 4.7# J-55 TBG TO 6494', LAND TBG @ 6494', BROACH TBG ON TIH
	12:15 - 13:00	0.75	CIRC	a	OBJECT	PUMP OUT PLUG, CIR & CLEAN UP WELLBORE
	13:00 - 14:00	1.00	CIRC	a	OBJECT	CIRCULATE DOWN ANNULUS, OUT TBG TO CLEAN UP WELLBORE
	14:00 - 15:00	1.00	TEST	a	OBJECT	PITOT TEST UP TBG @ 26 OUNCES = 776 MCFD
	15:00 - 18:00	3.00	RURD	a	OBJECT	RIG DOWN DRAKE RIG #29