

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 Leslie D. White				Phone 505/326-9700		
Property Name ANGEL PEAK B			Well Number 34		API Number 3004525492	
UL A	Section 13	Township 28 N	Range 11 W	Feet From The 660 FNL	Feet From The 660 FEL	County SAN JUAN

II. Workover

Date Workover Commence 12/11/2002	Previous Producing Pool(s) (Prior to Workover): ARMENTA GALLUP
Date Workover Completed: 2/7/2003	

- 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>Leslie D. White</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>Leslie D. White</u>	Title <u>Sr. Accountant</u> Date <u>10/22/03</u>
SUBSCRIBED AND SWORN TO before me this <u>22</u> day of <u>October</u> , <u>2003</u> .	
Notary Public	
My Commission expires: <u>September 15, 2004</u>	
<u>Tamatha Wimsatt</u>	

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 2/7/03.

Signature District Supervisor <u>JS. J.</u>	OCD District <u>3</u>	Date <u>12/6/03</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

ANGEL PEAK B 34

3004525492

02290

77200

REG DTL DT GAS PROD GAS PROD

01-Apr-01	417	
01-May-01	347	
01-Jun-01	478	
01-Jul-01	574	
01-Aug-01	91	
01-Sep-01	36	
01-Oct-01	503	
01-Nov-01	75	
01-Dec-01	324	
01-Jan-02	13	
01-Feb-02	0	
01-Mar-02	0	
01-Apr-02	0	
01-May-02	0	
01-Jun-02	0	
01-Jul-02	0	
01-Aug-02	645	
01-Sep-02	0	
01-Oct-02	0	
01-Nov-02	0	
01-Dec-02	5	
01-Jan-03	0	
01-Feb-03	0	2543
01-Mar-03	0	2768
01-Apr-03	0	1771
01-May-03	0	1118
01-Jun-03	0	1451

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Operations Summary Report

Legal Well Name: ANGEL PEAK B #34
 Common Well Name: ANGEL PEAK B #34
 Event Name: CAP WORKOVER
 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Start: 12/11/2002 Spud Date: 02/07/2003
 Rig Release: 01/28/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/12/2002	07:00 - 09:00	2.00	MIMO	a	MIRU	ROAD RIG TO LOCATION, SPOT RIG
	09:00 - 09:45	0.75	RURD	a	MIRU	RU RIG & EQUIPMENT
	09:45 - 10:00	0.25	SAFE	a	OBJECT	HSM, TOPIC: PINCH POINTS & PROPER LIFTING, RIG CREW PRESENT
	10:00 - 10:45	0.75	NUND	a	OBJECT	NU BLOW LINE TO PIT, SICP 220 PSI, SITP 140 PSI, BH 0 PSI
	10:45 - 11:00	0.25	BLOW	a	OBJECT	BLOW DOWN WELL TO PIT
	11:00 - 12:00	1.00	NUND	a	OBJECT	ND WH, NU BOP, UNSEAT TBG HANGER
	12:00 - 15:00	3.00	TRIP	a	OBJECT	TOOH, TALLY & STAND BACK 30 STDS 2.375" TBG, TOOH & LD 120 JTS 2.375" TBG, SDFN
12/13/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:30	0.50	SAFE	a	OBJECT	HSM, TOPIC: WORKING SAFELY AROUND WIRELINE UNITS, RIG CREW PRESENT
	07:30 - 07:45	0.25	RURD	a	OBJECT	RU BASIN WIRELINE
	07:45 - 10:30	2.75	CASE	a	OBJECT	RIH W 5 1/2" CIBP & SET @ 5390', POOH W SETTING TOOL, RIH & RUN GR-CCL LOG FROM 2000' TO 1700', WATER PUMP ON WIRELINE UNIT FAILED, CALL FOR SECOND WIRELINE UNIT TO FINISH JOB, RU WIRELINE UNIT, RIH W 7 5/8" RBP & SET @ 2000', POOH W SETTING TOOL, DUMP BAIL 10' SAND ON RBP @ 2000', POOH W DUMP BAILER
	10:30 - 11:00	0.50	PUMP	a	OBJECT	LOAD CSG W 94 BBLS WATER
	11:00 - 12:00	1.00	NUND	a	OBJECT	ND BOP, ND WH, NU 5000 PSI WH, NU 3" FRAC VALVE
	12:00 - 12:30	0.50	TEST	a	OBJECT	PRESSURE TEST RBP & CSG TO 3500 PSI, TEST OK
	12:30 - 12:45	0.25	NUND	a	OBJECT	ND FRAC VALVE, NU BOP
	12:45 - 14:00	1.25	TRIP	a	OBJECT	TIH W 60 JTS TBG TO 1900', SPOT 150 GALS 28% HCL ACROSS PERF INTERVAL FROM 1860' TO 1910', DISPLACE TBG W 7 BBLS WATER, TOOH W TBG
	14:00 - 14:30	0.50	PERF	a	OBJECT	PERF PICTURED CLIFF 4 SPF 90 DEGREE PHASE FROM 1860' TO 1910' (50' INTERVAL 200 HOLE) (0.33" DIA.)
	14:30 - 17:00	2.50	TRIP	a	OBJECT	TIH & UNLOAD CSG @ 1141', TIH TO RBP @ 2000', TAG W 63 JTS & ATTEMPT TO CIRC, UNABLE TO CIRC, UNABLE TO PULL UP TBG, ATTEMPT TO BREAK SAFETY JT ON RETRIEVING HEAD, WOULD NOT BREAK, SDFN
	06:00 - 07:00	1.00	MIMO	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:30	0.50	SAFE	a	OBJECT	HSM, TOPIC: PICKING UP & LAYING DOWN PIPE, RIG CREW PRESENT
12/14/2002	07:30 - 08:00	0.50	STUK	a	OBJECT	WORK STUCK PIPE FREE
	08:00 - 08:30	0.50	TRIP	a	OBJECT	TOOH W RETRIEVING TOOL, INSPECT TOOL, TIH W RETRIEVING TOOL
	08:30 - 09:45	1.25	CIRC	a	OBJECT	RU AIR, UNLOAD CSG @ 1970', EST CIRC W 1400 CFM AIR & 10 BPM MIST, CIRC SAND FROM TOP OF RBP, LATCH ON & RELEASE RBP
	09:45 - 11:30	1.75	TRIP	a	OBJECT	TOOH & LD 7 5/8" RBP, TIH W TBG, TOOH & LD TBG
	11:30 - 11:45	0.25	NUND	a	OBJECT	NU 3" FRAC VALVE
	11:45 - 13:00	1.25	RURD	a	OBJECT	RD RIG & EQUIP, MOVE TO WILLIAMS 1
						SUMMARY: MIRU, TOOH W 180 JTS 2.375" TBG, RU WIRELINE, SET 5 1/2" CIBP @ 5390', SET 7 5/8" RBP @ 2000', DUMP BAIL 10' SAND ON RBP, LOAD CSG W 94 BBLS WATER, CHANGE OUT WELLHEAD TO 5000 PSI, NU 3" FRAC VALVE, PRES TEST RBP & CSG TO 3500 PSI, TEST OK, SPOT 150 GAL 28% HCL ACROSS PERF INTERVAL FROM 1860' TO 1910', PERFORATE 4 SPF FROM 1860' TO 1910', TIH W RETRIEVING TOOL, UNLOAD HOLE, CIRC SAND OFF RBP, RETRIEVE RBP, TOOH & LD RBP & TBG, RD RIG & EQUIP

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Operations Summary Report

Legal Well Name: ANGEL PEAK B #34
 Common Well Name: ANGEL PEAK B #34
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 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Start: 12/11/2002 Spud Date: 02/07/2003
 Rig Release: 01/28/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/14/2002	11:45 - 13:00	1.25	RURD	a	OBJECT	WIRE LINE SET 7 5/8" RBP WILL BE SET @ 2000' PRIOR TO FRAC R/U BASIN, WELL 120# PSI, N/D FRAC Y, NU 7" LUBRICATOR, TIH W/ RTBP CAST IRON DRILLABLE, SET @ 2000', BLEED DOWN PSI TOOH LAY DOWN LUBRICATOR, N/U FRAC HEAD W/ HYD VALVE, SWSD.
01/22/2003	12:00 - 14:30	2.50	WIRE	a	OBJECT	
01/25/2003	14:30 - 15:30	1.00	NUND	a	OBJECT	SPOT & R/U B.J. FOR STIMULATION,
	06:00 - 08:00	2.00	RURD	a	OBJECT	SAFETY MEETING W/ 31 PEOPLE ON LOCATION, DISCUSS FRAC PROCEDURE, POINT OUT AREA FOR SAETY, ASSIGN WORK STATIONS,
	08:00 - 09:00	1.00	SAFE	a	OBJECT	COOL DOWN PUMPS & LINES, TEST LINES
	09:00 - 09:30	0.50	PRES	a	OBJECT	BRK @ 756# 26 BPM, ISIP 405, START F.G. .47, AVG .67, TYPE OF FLUID CO2 AMT 957 BBLs, PUMP 36,000# 12/20/ BRADY SAND @ AVG RATE 51 BPM, MAX 58, MIN 25, AVG PSI 483, MAX 759, MIN 283, SAND CONC .5 TO 5# PG, @ 51 BPM, @ 483# PSI, DISP 70 CO2 BBLs,
01/26/2003	09:30 - 10:00	0.50	FRAC	a	OBJECT	R/D B.J., SHUT WELL IN OVER NIGHT
	10:00 - 11:00	1.00	RURD	a	OBJECT	TIME-----CHOKE-----PSI-----SAND-----CO2
01/27/2003	09:00 - 06:00	21.00	FLOW	a	OBJECT	09:00-----32/64-----126-----N,S-----CO2
						20:00-----48/64-----84-----N,S-----CO2
01/28/2003						24:00-----2"-----62-----N,S-----CO2
						06:00-----2"-----16-----N,S-----CO2
01/27/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	CONTINUE FLOW BACK
01/28/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	LAST 24 HRS 10# DROP STILL FLOWING HEAVY CO2, FULL OPEN 2" 6 TO 8# NO SAND, BEGINING TO SHOW LITE GAS.
01/29/2003						FLOW BACK ON FULL OPEN 2" @ 5 TO 7# PSI CO2 & GAS,
						SWITCH TO 48/64 CHOKE, PITOT TEST 17# @ 417 MCF, STILL TO MUCH CO2 TO FLARE. CONTINUE FLOW BACK
02/08/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	24 HR RATE 357 MCF NO CO2, CLOSE WELL IN W/O W/O UNIT. RELEASE FLOW BACK CREW 06:00 HRS 1/28/2003. CALL CAMERON TO N/D FRAC VALVE INSTALL W/H.
02/08/2003	09:00 - 09:30	0.50	MIMO	a	MIRU	ROAD RIG F/ ZACHRY #45 TO LOCATION
	09:30 - 09:45	0.25	SAFE	a	MIRU	SAFETY MEETING - RIGGING UP - 4 MAN RIG CREW, AIR HAND, TOOL PUSHER & CONSULTANT
	09:45 - 10:45	1.00	RRSR	a	MIRU	RU AZTEC #448
	10:45 - 11:15	0.50	RURD	a	OBJECT	SICP - 90#, RU 2" BLOW DOWN LINES & BLED PRESSURE OFF WELL
	11:15 - 12:45	1.50	NUND	a	OBJECT	ND FRAC VALVE & 5000# WELL HEAD, NU 3000# WELL HEAD & BOP'S, RU FLOOR & TBG TONGS
	12:45 - 14:00	1.25	PULD	a	OBJECT	TALLY, PU & RABBIT 2-3/8" CHECK BODY, SN, 1 JT 2-3/8" TBG, 2-3/8" TBG SUB & 60 JTS 2-3/8" TBG, TAG FILL @ 1916', 84' OF FILL
	14:00 - 15:00	1.00	COUT	a	OBJECT	CLEAN OUT FILL F/ 1916'- 2000' W/ 750 CFM AIR, NO FLUID
	15:00 - 16:00	1.00	NUND	a	OBJECT	LD 5 JTS 2-3/8" TBG, ND BOP'S, NU TBG HEAD, LAND TBG @ 1853.96', TBG BREAKDOWN AS FOLLOWS:
						1 - 2-3/8" CHECK BODY 0.75'
						1 - 2-3/8" SEATING NIPPLE W/ 1.78" ID 0.78'
						1 JT - 2-3/8" 4.7# EUE 8RD J-55 TBG 31.73'
						1 - 2-3/8" 4.7# EUE 8RD J-55 TBG SUB 2.13'
						57 JTS - 2-3/8" 4.7# EUE 8RD J-55 TBG 1806.96'
						K.B. 12.00'
						TOTAL 1853.96'
						S.N. @ 1852.43'

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Common Well Name: ANGEL PEAK B #34
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Contractor Name: RIGLESS WORKOVER
Rig Name: RIGLESS

Start: 12/11/2002 Spud Date:
End: 02/07/2003
Rig Release: 01/28/2003 Group:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/08/2003	16:00 - 17:00	1.00	RURD	a	OBJECT	RD AZTEC #448, RELEASED RIG @ 17:00 02/07/2003, PITOT WELL - 434 MCF BR YARD SENT 66 JTS 2-3/8" USED TBG TO WELL SENT 8 JTS 2-3/8" USED TBG TO BR YARD WELL SUMMARY MI&RU AZTEC #448, SICP - 90#, BLED PRESS OF WELL, ND FRAC VALVE & WH, NU WH & BOP'S, PU 61 JTS 2-3/8" TBG, C/O FILL F/ 1916'- 2000', BLOW WELL, ND BOP'S, NU TBG HEAD, RD AZTEC #448, PITOT - 434 MCF

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