

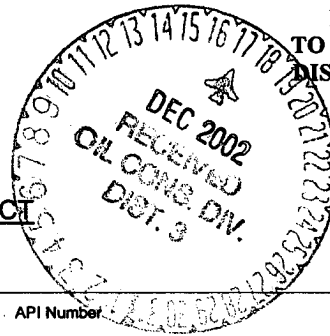
New Mexico
Energy Minerals and Natural Resources Department

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
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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



BURLINGTON RESOURCES
ATTN: APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well **PO BOX 4289**

Ogrid 014538

Property Name HOWELL K		Well Number 300		API Number 3004526897	
UL	Section	Township	Range	Feet From The	Feet From The
I	15	30 N	8 W	1990 FSL	1175 FEL
					County SAN JUAN

II. Workover

Date Workover Commenced <i>01/14/02</i>	Previous Producing Pool(s) (Prior to Workover): BASIN FRUITLAND COAL (GAS)
Date Workover Completed: <i>01/24/02</i>	

- 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 New Mexico)
County of San Juan) ss.
Peggy Cole, 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 *Peggy Cole* Title Regulatory Administrator Date 12-16-02
SUBSCRIBED AND SWORN TO before me this 16th day of December 2002

My Commission expires: September 15, 2004 Notary Public *Nancy Oltmanns*

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 01-24, 2002.

Signature District Supervisor <u><i>Charles T. Herron</i></u>	OCD District <u><i>AZTEC</i></u>	Date <u>12-19-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BASIN FRUITLAND COAL (GAS)
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1/1/2000	27988
2/1/2000	26143
3/1/2000	26623
4/1/2000	25768
5/1/2000	24720
6/1/2000	24689
7/1/2000	24925
8/1/2000	24212
9/1/2000	23857
10/1/2000	24360
11/1/2000	21412
12/1/2000	22470
1/1/2001	20979
2/1/2001	18978
3/1/2001	20727
4/1/2001	20513
5/1/2001	20155
6/1/2001	17013
7/1/2001	19926
8/1/2001	16111
9/1/2001	8206
10/1/2001	10309
11/1/2001	4012
12/1/2001	5253
1/1/2002	1691
2/1/2002	20059
3/1/2002	29292
4/1/2002	29845

Operations Summary Report

Legal Well Name: HOWELL K #300
 Common Well Name: HOWELL K #300
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 1/14/2002
 Rig Release: 1/24/2002
 Rig Number: 266

Spud Date: 6/11/1988
 End: 1/24/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/15/2002	07:00 - 09:00	2.00	RURD	a	MIRU	MIRUPU, AZTEC WELL SERVICE, RIG #266.
	09:00 - 10:00	1.00	NUND	a	OBJECT	ND WH, NU BOP STACK.
	10:00 - 11:00	1.00	RURD	a	OBJECT	RU 1 - 5" BLOOE LINE TO PIT.
	11:00 - 12:15	1.25	TRIP	a	OBJECT	POOH & TALLY 107 JTS 2 7/8" TBG, (PREP TO LD TBG).
	12:15 - 14:30	2.25	PULD	a	OBJECT	PU & TIH W/ 6 1/4" BIT, 7 - 3 1/2" DC'S, PU 2 7/8" AOH DP.
	14:30 - 15:00	0.50	RURD	a	OBJECT	RU POWER SWIVEL, CIRC W/ AIR & FOAM.
	15:00 - 16:45	1.75	CIRC	a	OBJECT	CIRC & CO 40' OF FILL TO TD @ 3294'.
	16:45 - 17:00	0.25	TRIP	a	OBJECT	PUIC W/ BIT.
	17:00 - 17:15	0.25	SRIG	a	OBJECT	CLOSE IN, LOCK RAMS, DRAIN DOWN, SDFN.
	17:15 - 17:30	0.15	SRIG	a	OBJECT	START & SERVICE UNIT.
1/16/2002	07:00 - 07:30	0.50	SRIG	a	OBJECT	START & SERVICE UNIT.
	07:30 - 08:45	1.25	TRIP	a	OBJECT	POOH W/ DP & DC'S, SET BIT UNDER STRIPPING RUBBER.
	08:45 - 09:15	0.50	RURD	a	OBJECT	RU TO SURGE.
	09:15 - 10:15	1.00	TEST	a	OBJECT	GAUGE FTC THRU 2.5" ID TBG, ALL GAUGES @ 8 OZ=646 MCF, (DRY GAUGE), BACK PRESS=3 PSI.
1/17/2002	10:15 - 06:00	19.75	SURG	a	OBJECT	10 NATURAL SURGES @ 110 PSI, RETURNING MOD COAL FINES, 4 MIN COAL RUNS AFTER SURGE, 1/4" STREAM OF WATER.
	06:00 - 07:15	1.25	SURG	a	OBJECT	FLOWING BACK AFTER SURGE.
	07:15 - 08:15	1.00	TRIP	a	OBJECT	TIH W/ 2 7/8" TBG.
	08:15 - 09:30	1.25	PULD	a	OBJECT	LD 2 7/8" TBG ON FLOAT.
	09:30 - 10:00	0.50	RURD	a	OBJECT	RU TO SURGE.
	10:00 - 06:00	20.00	SURG	a	OBJECT	10 SURGES W/ AIR, INJ 2 BBL MIST, PRESS & SURGE @ 240 PSI, RETURNING HEAVY TO MOD 1/2" COAL & SHALE, (FINES-1/2"), 80% COAL, 8-10 MIN COAL RUNS AFTER SURGE, SLUGGING HEAVY FORMATION WATER.
	06:00 - 06:00	24.00	SURG	a	OBJECT	12 SURGES F/ SURF W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 220 PSI, RETURNING HEAVY 1/4" COAL & SHALE, 80% COAL, 7-8 MIN COAL RUNS AFTER SURGE, HEAVY SPRAY DURING FLOW BACK.
1/18/2002	06:00 - 06:00	24.00	SURG	a	OBJECT	12 SURGES F/ SURF W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 220 PSI, RETURNING HEAVY 1/4" COAL & SHALE, 80% COAL, 7-8 MIN COAL RUNS AFTER SURGE, HEAVY SPRAY DURING FLOW BACK.
	06:00 - 06:00	24.00	SURG	a	OBJECT	12 SURGES F/ SURF W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 220 PSI, RETURNING HEAVY 1/4" COAL & SHALE, 80% COAL, 7-8 MIN COAL RUNS AFTER SURGE, HEAVY SPRAY DURING FLOW BACK.
1/19/2002	06:00 - 07:00	1.00	SURG	a	OBJECT	FLOWING BACK AFTER SURGE.
	07:00 - 08:00	1.00	TRIP	a	OBJECT	TIH W/ 6 1/4" BIT, 7 - 3 1/2" DC'S, ON 2 7/8" DP.
	08:00 - 08:15	0.25	RURD	a	OBJECT	RU POWER SWIVEL, CIRC W/ AIR & FOAM.
	08:15 - 09:00	0.75	CIRC	a	OBJECT	CIRC & CO 20' OF FILL TO TD @ 3294', RETURNING MOD COAL FINES W/ BLACK WATER.
	09:00 - 10:15	1.25	TRIP	a	OBJECT	POOH W/ DP & DC'S, SET BIT UNDER STRIPPING RUBBER.
	10:15 - 06:00	19.75	SURG	a	OBJECT	10 SURGES W/ AIR, IN 3 BBL MIST, PRESS & SURGE @ 210 PSI, RETURNING HEAVY 1/4" COAL & SHALE, 80% COAL, 10-12 MIN COAL RUNS AFTER SURGE, SLUGGING FORMATION WATER W/ COAL FINES DURING FLOW BACK.
1/20/2002	06:00 - 06:00	24.00	SURG	a	OBJECT	12 SURGES F/ SURFACE W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 200 PSI, RETURNING HEAVY 1/4" COAL, 80% COAL, 8 MIN COAL RUNS AFTER SURGE, SLUGGING HEAVY TO MOD BLACK WATER DURING FLOW BACK.
	06:00 - 06:00	24.00	SURG	a	OBJECT	12 SURGES F/ SURFACE W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 200 PSI, RETURNING HEAVY 1/4" COAL, 80% COAL, 8 MIN COAL RUNS AFTER SURGE, SLUGGING HEAVY TO MOD BLACK WATER DURING FLOW BACK.
1/21/2002	06:00 - 07:15	1.25	SURG	a	OBJECT	FLOWING BACK AFTER SURGE.
	07:15 - 08:15	1.00	TEST	a	OBJECT	GAUGE FTC F/ SURF THRU 2.5" ID TBG, ALL GAUGES @ 22 OZ=1003 MCF, LT SPRAY, BACK PRESS=10 PSI.
	08:15 - 06:00	21.75	SURG	a	OBJECT	11 SURGES W/ AIR, INJ 3 BBL MIST, PRESS & SURGE @ 190 PSI, RETURNING HEAVY MOD 1/4" COAL & SHALE, 80% COAL, 6-8 MIN COAL RUNS AFTER SURGE, SLUGGING FORMATION WATER DURING FLOW BACK.
1/22/2002	06:00 - 07:00	1.00	SURG	a	OBJECT	FLOWING BACK AFTER SURGE.
	07:15 - 08:45	1.50	TRIP	a	OBJECT	TIH W/ 6 1/4" BIT, 9 - 3 1/2" DC'S, ON 2 7/8" DP, SET @ 3095'.
	08:45 - 09:00	0.25	PCKR	a	OBJECT	SET 7" POSITREIVE PKR @ 30'.
	09:00 - 11:15	2.25	NUND	a	OBJECT	ND BOP STACK, ND & PULL TBG HEAD, NU TBG HEAD W/ 2 9/16"

Operations Summary Report

Legal Well Name: HOWELL K #300
 Common Well Name: HOWELL K #300
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 6/11/1988
 Start: 1/14/2002 End: 1/24/2002
 Rig Release: 1/24/2002 Group:
 Rig Number: 266

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/22/2002	09:00 - 11:15	2.25	NUND	a	OBJECT	OUTLETS, NU BOP STACK, RU BLOOIE LINE.
	11:15 - 11:30	0.25	PCKR	a	OBJECT	RELEASE & LD PKR.
	11:30 - 11:45	0.25	TRIP	a	OBJECT	GIH W/ 6 1/4" BIT.
	11:45 - 12:15	0.50	RURD	a	OBJECT	RU POWER SWIVEL, CIRC W/ AIR & FOAM.
	12:15 - 14:30	2.25	CIRC	a	OBJECT	CIRC & CO TO TD @ 3294', TIGHT HOLE F/ 3272'-94', RETURNING MOD 1/4" COAL, MOD SPRAY.
1/23/2002	14:30 - 15:45	1.25	TRIP	a	OBJECT	POOH W/ BIT.
	15:45 - 16:45	1.00	TEST	a	OBJECT	GAUGE FTC F/ SURF THRU 2.5" ID TBG, ALL GAUGES @ 22 OZ=1003 MCF, (LT SPRAY), BACK PRESS=9 PSI.
	16:45 - 17:00	0.25	SRIG	a	OBJECT	CLOSE IN, LOCK RAMS, SDFN.
	07:00 - 07:30	0.50	SRIG	a	OBJECT	START & SERVICE UNIT.
	07:30 - 07:45	0.25	FLOW	a	OBJECT	SICP=120 PSI, BLOW DOWN TO PIT.
1/24/2002	07:45 - 09:00	1.25	TRIP	a	OBJECT	RU POWER SWIVEL, CIRC W/ AIR & FOAM.
	09:00 - 15:30	6.50	CIRC	a	OBJECT	CIRC & WORK THRU OPEN HOLE F/ 3115' TO TD @ 3294', TIGHT HOLE F/ 3279'-94', RETURNING MOD TO LT 1/4" COAL, SHORT TRIP TO 7" CSG, GIH, CO 4' OF FILL, WORK TIGHT HOLE F/ 3279'-94'.
	15:30 - 16:00	0.50	TRIP	a	OBJECT	LD SWIVEL, ROTATE STRING MILL THRU OPEN HOLE, NO HOLE PROBLEMS.
	16:00 - 16:30	0.50	SRIG	a	OBJECT	CLOSE IN, LOCK RAMS, SDFN.
	07:00 - 07:30	0.50	SAFE	a	OBJECT	START & WARM UP RIG, SAFETY MEETING: P/U & RUNNING 5.5" LINER SAFELY, SICP: 100 PSI
1/25/2002	07:30 - 08:30	1.00	REAM	a	OBJECT	TIH W/6.25" BIT & 6.25" STRING MILL, ROTATE THRU TIGHT HOLE F/3279' T/3294' (TD) W/AIR/MIST, R&R BIT & MILL THRU TIGHT SPOT & HOLE CLEANED UP, BLOW WELL DRY ON BTM
	08:30 - 09:30	1.00	PULD	a	OBJECT	TOH W/2.875" AOH DP & L/D 8-4.75" DC'S, 6.25" BIT & STRING MILL
	09:30 - 11:15	1.75	TRIP	a	OBJECT	P/U & RIH W/WEATHERFORD 5.5" CUTRITE SHOE, 21.55' PERF JT, 20.80' BLANK JT, 21.55' PERF JT, 21.05' BLANK JT, 21.16' PERF JT, 19.50' BLANK JT, 21.18' PERF JT, 42.08' BLANK JT, 1.30' HANGER, 3.00' SETTING TOOL & 2.875" AOH DP, BLOW WELL W/1500 CFM AIR & WORK 5.5" LINER T/BTM @ 3294', SET 4-POINTS OSW & ROTATE 1/4 TURN T/LEFT & JAY-OFF LINER HANGER, 5.5" LINER LANDED @ 3294', TOP OF 5.5" LINER @ 3102.23', BTM OF 7" INTERMEDIATE CSG @ 3115', LINER OVERLAP: 12.77'
	11:15 - 12:45	1.50	PULD	a	OBJECT	L/D POWER SWIVAL, TOH, L/D 2.875" AOH DP & 5.5" X 3.00' SETTING TOOL
	12:45 - 15:15	2.50	PULD	a	OBJECT	SPOT TBG FLOAT, P/U, RABBIT, STRAP & RIH W/4.75" PLUG MILL, 3.125" BIT SUB W/FLOAT & 2.375" TBG T/3150'
1/25/2002	15:15 - 17:00	1.75	MILL	a	OBJECT	BREAK CIRC W/1500 CFM AIR & 15 BPH FOAM MIST, MILL OUT ALUMINUM PERF PLUGS F/3145' T/3292' & BLOW WELL DRY ON BTM
	17:00 - 17:30	0.50	TRIP	a	OBJECT	SHORT TRIP, P/U MILL INTO 7" INTERMEDIATE CSG, CLOSE PIPE RAMS, S.I. WELL, SDFN
	07:00 - 07:30	0.50	SAFE	a	OBJECT	START WARM UP & SERVICE RIG, SAFETY MEETING: P/U & RUNNING INSERT PMP & RODS SAFELY, SICP: 120 PSI
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TOH, L/D 3.125" BIT SUB W/FLOAT & 4.75" PLUG MILL
	08:00 - 09:00	1.00	RRSR	a	OBJECT	RIG REPAIR: R&R AIR FITTING ON DRUM CLUTCH
1/25/2002	09:00 - 11:00	2.00	TRIP	a	OBJECT	P/U & RIH W/2.375" X .85" PURGE VALVE, 2.375" X 10.18" & 6.15" PUP JTS, 2.375" X 4.22" PERF PUP JT, 2.375" X 1.780" ID SEATING NIPPLE & BROACH IN HOLE W/103-JTS 2.375"-4.75"-J55-8RD EUE PROD TBG & LAND TBG @ 3282.43', TOP OF 2.375" X 1.780" ID SEATING NIPPLE @ 3259.88'
	11:00 - 12:00	1.00	NUND	a	OBJECT	N/D BOP STACK, DIVERter SPOOL, N/U 6" 900 FLANGE & 2.5625" MASTER VALVE

Operations Summary Report

Legal Well Name: HOWELL K #300
 Common Well Name: HOWELL K #300
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 1/14/2002
 Rig Release: 1/24/2002
 Rig Number: 266

Spud Date: 6/11/1988
 End: 1/24/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/25/2002	12:00 - 15:00	3.00	PULD	a	OBJECT	P/U & RIH W/2" X 1.5" X 14' RWAC-Z INSERT PMP, SERIAL #BR-581, 3-1" X 25' K-BARS, 1-3/4" X 25' GUIDED SUCKER ROD, 125-3/4" PLAIN SUCKER RODS, 8.00' & 6.00' X 3/4" PONY RODS, 1.25" X 22' POLISH ROD & 10' LINER & SPACE OUT PMP
	15:00 - 15:30	0.50	NUND	a	OBJECT	N/U PUMPING TEE, RADICAN & AUTO-PAC STUFFING BOX & PRESS TST PMP T/800 PSI, STROKE PMP W/GOOD PMP ACTION
	15:30 - 17:00	1.50	RURD	a	OBJECT	RIG DN, REL RIG @ 17:00 HRS 2/24/2002
FINAL PITOT TST FTC UP ANNULUS THRU 2.5" LINE: TIME:-----PITOT:-----MCFD:-----RTNS: 16:15 17-OZ 944 DRY 16:30 17-OZ 944 DRY 16:45 17-OZ 944 DRY 17:00 17-OZ 944 DRY						
TOTAL 2.375" TBG ON LOC: 106-JTS TOTAL 2.375" TBG RUN IN WELL: 103-JTS TOTAL 2.375" TBG SENT T/MOI YARD: 3-JTS						
WELL SUMMARY: NATURAL & ENERGIZE SURGE WELL & INCREASE PROD F/650 MCFD T/944 MCFD, RUN 5.5" PRE-PERF'D LINER, 2.375" PROD TBG & INSERT PMP & 3/4" RODS, NO PROBLEMS, NO ACCIDENTS. PETE						
MCNEAL						