Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103
District I	Energy, Minerals and Natural Resourc	es May 27, 2004 WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 District II	OH, GONGERNATION DRUGGO	30-025-37851
1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Francis Dr. Santa Fe, NM 87505	STATE X FEE
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa PC, INVI 87505	6. State Oil & Gas Lease No.
	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name Vacuum Glorieta East Unit
(DO NOT USE THIS FORM FOR PROPOSITION OF THE PROPOSALS.)	SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A CATION FOR PERMIT" (FORM C-101) FOR SUCH	
J1	Gas Well  Other	8. Well Number 021
2. Name of Operator ConocoPhilli	ps Company	9. OGRID Number 217817
3. Address of Operator 3300 N. "	A" St., Bldg. 6	10. Pool name or Wildcat
Midland,	TX 79705-5490	Vacuum; Glorieta
4. Well Location		
Unit Letter_A :_		nd 525 feet from the East line
Section 32	Township 17S Range 35E	NMPM CountyLea
Pit or Below-grade Tank Application 0 0	11. Elevation (Show whether DR, RKB, RT, G 3954' GR	R, etc.)
	aterDistance from nearest fresh water well	Distance from nearest surface water
Pit Liner Thickness: mil		
12. Check P	Appropriate Box to Indicate Nature of No	otice, Report of Other Data
NOTICE OF IN		SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL	
TEMPORARILY ABANDON	<u> </u>	CE DRILLING OPNS. A P AND A
DUIL OD ALTED CACING		
PULL OR ALTER CASING	MULTIPLE COMPL   CASING/C	EMENT JOB
OTHER:	□ OTHER:	
OTHER:  13. Describe proposed or comp	OTHER:	ails, and give pertinent dates, including estimated date
OTHER:  13. Describe proposed or comp of starting any proposed we	OTHER:	
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OTHER:  13. Describe proposed or comp of starting any proposed we or recompletion.  04/17/07 - 04/29/07  Well drilled & casing set per attach.  I hereby certify that the information grade tank has been/will be constructed or SIGNATURE	above is true and complete to the best of my knoclosed according to NMOCD guidelines , a general per TITLE Regulatory Specific Sp	ails, and give pertinent dates, including estimated date ins: Attach wellbore diagram of proposed completion  owledge and belief. I further certify that any pit or below- rmit or an (attached) alternative OCD-approved plan .  cialist DATE 05/03/2007
OTHER:  13. Describe proposed or comp of starting any proposed we or recompletion.  04/17/07 - 04/29/07  Well drilled & casing set per attach  I hereby certify that the information grade tank has been/will be constructed or SIGNATURE  Type or print name Celeste G. Dale For State Use Only	above is true and complete to the best of my knoclosed according to NMOCD guidelines , a general per TITLE Regulatory Specific Sp	ails, and give pertinent dates, including estimated date ins: Attach wellbore diagram of proposed completion  owledge and belief. I further certify that any pit or below- rmit or an (attached) alternative OCD-approved plan .  cialist DATE 05/03/2007  c.g.dale@conocophillips.Tekephone No. (432)688-6884  TIVE II/STAFF MANAGER
OTHER:  13. Describe proposed or comp of starting any proposed we or recompletion.  04/17/07 - 04/29/07  Well drilled & casing set per attach.  I hereby certify that the information grade tank has been/will be constructed or SIGNATURE  Type or print name Celeste G. Dale	above is true and complete to the best of my knoclosed according to NMOCD guidelines , a general per TITLE Regulatory Specific Sp	ails, and give pertinent dates, including estimated date ins: Attach wellbore diagram of proposed completion where the completion of the c

## ConocoPhillips

## **Timelog Summary Report**

### **VACUUM GLORIETA EAST UNIT PH 4 2-02**

	VellName GLORIETA	EACTIM	T DU 4 2 2	21	Primary Job T DRILLING O		Job Category DRILLING	
ctual Star			End Date	21			Rig Accept Date	Rig Release Date
J.Cai Olai	4/15/2007			4/29/2007	"	4/16/2007	4/16/2007	4/29/2007
ontractor						Rig Name/No		·
	DRILLING C	ORP					10	
eport Nui	mber	4			Report Start D		Report End Date	4/17/2007
		1				4/16/2007		4/17/2007
ime Log Start Time	End Time	Dur (hrs)	Op Code	OpSub-Co	de Phase		Operation	
6:00	07:30		MOVE	WODL	MIRU	WAIT ON DAYLIGHT AND TR		
7:30	08:00	0.50	MOVE	SFTY	MIRU	PJSM-RIG CREW& TRUCK C	REW	
8:00	10:00	2.00	MOVE	DMOB	MIRU	MOVE RIG OFF OF VGEU 02	-22	
0:00	15:00	5.00	MOVE	WOEQ	MIRU	REDRILL RAT HOLE & MOUS	SE HOLE	
5:00	21:00	6.00	MOVE	RURD	MIRU	RU RT ON VGEU PH4 02-021		
						OBJECTIVE: DRILL & COMPL	ETE GLOBIETA OIL WELL	
						OBSECTIVE: DIVICE & COMIT	LIL GLOTTLIA OIL WELL	
						SECTION 32, T-17S, R-35-E		
						LEA COUNTY, NEW MEXICO	•	
						NOTIFICATION OF INTENT T	O SDIID	
						APRIL 16, 2007@ 0830 CST	0 31 00	
1:00	21:30	0.50	DRILL	SFTY	SURFAC	PRE SPUD SAFETY INSPEC	TION- ALL CORRECTIONS	MADE
1:30	22:30	1	DRILL	WOSP	SURFAC	WAIT ON SPUD LOAD		reserved to a group of the estimate with a first
2:30	00:00	1	DRILL	OTHR	SURFAC	MIX SPUD MUD		
0:00	00:15	0.25	DRILL	SFTY	SURFAC	PSSM		And the second of the second o
0:15	03:15	3.00	DRILL	DRLG	SURFAC	SPUD WELL-DRILL F/40' TO	287'	
3:15	03:30		DRILL	SRVY	SURFAC	WLS@ 247'25*		
3:30	06:00	2.50	DRILL	DRLG	SURFAC	DRILL F/ 287' TO 521'		
teport Nu	mber	0			Report Start [		Report End Date	4/40/0007
		2				4/17/2007		4/18/2007
ime Log Start Time		Dur (hrs)	Op Code	OpSub-Co	de Phase	•	Operation	
6:00	06:30		DRILL	DRLG	SURFAC	DRILL F/ 521' TO 552'		
6:30	06:45	0.25	DRILL	SRVY	SURFAC	WLS@ 508'- 1.0*		
6:45	12:15	5.50	DRILL	DRLG	SURFAC	DRILL F/ 552' TO 789'		
2:15	12:45	A 700	DRILL	SRVY		WLS@ 745'- 1.5*- SERVICE F		
2:45				200	SURFAC		(IG	
	18:00	5.25	DRILL	DRLG	SURFAC	DRILL F/ 789' TO 945'	KIG	
8:00	18:15	5.25 0.25	DRILL	DRLG SRVY	SURFAC SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25*	IIG	
18:00 18:15	18:15 23:30	5.25 0.25 5.25	DRILL DRILL	DRLG SRVY DRLG	SURFAC SURFAC SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132'	113	
8:00 8:15 23:30	18:15 23:30 23:45	5.25 0.25 5.25 0.25	DRILL DRILL DRILL	DRLG SRVY DRLG SRVY	SURFAC SURFAC SURFAC SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50*	11G	
8:00 8:15 3:30 3:45	18:15 23:30 23:45 06:00	5.25 0.25 5.25 0.25	DRILL DRILL	DRLG SRVY DRLG	SURFAC SURFAC SURFAC SURFAC SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305'		
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8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30 eport Nui ime Log Start Time	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50	OP Code OPILL	DRLG SRVY DRLG SRVY DRLG OpSub-Co DRLG SRVY DRLG TRIP TRIP DRLG DRLG	SURFAC SURFAC SURFAC SURFAC Report Start I  Description  Description	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate 4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UREAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  Date 4/19/2007	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date	
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30 eport Nui ime Log Start Time 6:00	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50	Op Code DRILL	DRLG SRVY DRLG SRVY DRLG OpSub-Co DRLG TRIP TRIP DRLG DRLG	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate  4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UI REAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  Pate  4/19/2007  DRILL F/1453'-1602' TD SURF	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date	
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50 4	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG DRLG OPSUB-CO DRLG	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305'  Pate 4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UI REAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  Pate 4/19/2007  DRILL F/1453'-1602' TD SURI CIRC. & COND, HOLE	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date  Operation  FACE.	
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 0:45	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45 02:00	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50 4	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG OPSUB-CO DRLG CIRC TRIP	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate 4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UREAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  DRILL F/ 1428' TO 1453'  DRILL F/ 1453'-1602' TD SURICIPC. & COND. HOLE TOOH/LD 8" DC- HAD TO WO	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date  Operation  FACE.  ORK 2 STDS DP	4/20/2007
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 0:45 2:00	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45 02:00 06:00	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50 4	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG DRLG OPSUB-CO DRLG	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate 4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UREAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  DRILL F/ 1428' TO 1453'  DRILL F/ 1453'-1602' TD SURICIPC. & COND. HOLE TOOH/LD 8" DC- HAD TO WORUN 8 5/8" CSG- PICK UP 2 3	Report End Date  Operation  RIG  AN OUT NTIL FREE N UP HOLE  Report End Date  Operation  FACE.  ORK 2 STDS DP STDS DC TO REAM OUT @	4/20/2007
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 0:45 2:00	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45 02:00 06:00	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50 4	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG OPSUB-CO DRLG CIRC TRIP	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate  4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UREAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  DAILE  4/19/2007  DRILL F/1453'-1602' TD SURI CIRC. & COND. HOLE TOOH/LD 8" DC- HAD TO WORUN 8 5/8" CSG- PICK UP 2 300000000000000000000000000000000000	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date  Operation  FACE.  ORK 2 STDS DP	4/20/2007 120' WATER SAND
8:00 8:15 3:30 3:45 eport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30 eport Nui ime Log Start Time 6:00 9:00 9:05 eport Nui	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45 02:00 06:00 mber	5.25 0.25 5.25 6.25 3 Dur (hrs) 3.00 0.75 2.75 4.50 9.50 2.00 1.50 4	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG OPSUB-CO DRLG CIRC TRIP	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305' Pate 4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UREAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  DRILL F/ 1428' TO 1453'  DRILL F/ 1453'-1602' TD SURICIPC. & COND. HOLE TOOH/LD 8" DC- HAD TO WORUN 8 5/8" CSG- PICK UP 2 3	Report End Date  Operation  RIG  AN OUT NTIL FREE N UP HOLE  Report End Date  Operation  FACE.  ORK 2 STDS DP STDS DC TO REAM OUT @	4/20/2007
8:00 8:15 3:30 3:45 leport Nui ime Log Start Time 6:00 9:00 9:45 2:30 7:00 2:30 4:30	18:15 23:30 23:45 06:00 mber    End Time   09:00 09:45 12:30 17:00 02:30 04:30 06:00 mber    End Time   19:00 20:45 02:00 06:00 mber	5.25 0.25 0.25 6.25 3  Dur (hrs) 3.00 0.75 2.75 4.50 2.00 1.50 4  Dur (hrs) 1.75 5.25 4.00 5	Op Code DRILL	OPSUB-CO DRLG SRVY DRLG OPSUB-CO DRLG SRVY DRLG TRIP TRIP DRLG DRLG OPSUB-CO DRLG CIRC TRIP	SURFAC	DRILL F/ 789' TO 945' WLS@905' -1.25* DRILL F/ 945' TO 1132' WLS@ 1105'50* DRILL F/ 1132' TO 1305'  Pate  4/18/2007  DRILL F/ 1305' TO 1388' WLS@ 1344'-1.00*- SERVICE DRILL F/ 1388' TO 1428' PLUGGED BIT- TRIP TO CLE HOLE FELL IN- WORK BIT UI REAM BACK TO BTM- CLEAI DRILL F/ 1428' TO 1453'  Pate  4/19/2007  DRILL F/1453'-1602' TD SURI CIRC. & COND. HOLE TOOH/LD 8" DC- HAD TO WO RUN 8 5/8" CSG- PICK UP 2	Report End Date  Operation  RIG  AN OUT  NTIL FREE N UP HOLE  Report End Date  PACE.  Operation  FACE.  ORK 2 STDS DP  STDS DC TO REAM OUT @ Report End Date  Operation	4/20/2007 120' WATER SAND



## Timelog Summary Report

### **VACUUM GLORIETA EAST UNIT PH 4 2-021**

Time Log Start Time	End Time	Dur (hrs)	Op Code	OpSub-Code	Phase	Operation
07:00	09:00		CASING	RNCS		RUN 37 JOINTS 8.625" 24# J-55 ST&C CASING
						***TOP TO BOTTOM SUMMARY***
						36- JTS 8.625" CASING
						11- FLOAT COLLAR
						1- JT 8.625" CASING (SHOE JOINT)
						1- GUIDE SHOE
						CASING SET@ 1596'
09:00	09:30	0.50	CASING	SFTY	SURFAC	PJSM- RD CASING CREW
9:30	10:00	0.50	CEMENT	SFTY	SURFAC	PJSM- RU CEMENT CREW
10:00	12:15	2.25	CEMENT	DISP	SURFAC	CEMENT 8.625" CASING AS FOLLOWS:
						20 BBLS FRESH WATER AHEAD
						620 SKS HALLIBURTON LITE C+ ADDITIVES 12.8 PPG- 1.85 YIELD- 9.92 GAL/SK
						TECTTO FOO TIELD VICE OF CONTROL
						230 SKS C + 2% CaCl2
						14.8 PPG- 1.35 YIELD- 6.35 GAL/SK
						99 BBLS FRESH WATER DISPLACEMENT
						BUMPED PLUG W/ 1180 PSI
						ODDO COC CIC OFNENT TO CUDEACE
	100					CIRC 263 SKS CEMENT TO SURFACE
2:15	12:45	0.50	CEMENT	SETV	SURFAC	PJSM- RD CEMENT CREW
12:45	16:15		CEMENT	WOC		WOC- JET PITS
16:15	16:30	10000000000000000000000000000000000000	TREBOP	SFTY	PROD1	PJSM- NU BOP
16:30	22:30	6.00	TREBOP	NUND	PROD1	NU BOP & MANIFOLD
22:30	23:00		TREBOP	SFTY	PROD1	PJSM- RU BOP TESTER
23:00	03:00	4.00	TREBOP	PRTS	PROD1	PRESSURE TEST BOP AS FOLLOWS:
						BLIND & PIPE RAMS
						LOW-250 PSI/ HIGH 3000 PSI
						ANNULAR
						LOW- 250 PSI/ HIGH 2200 PSI
						ALL OK
03:00	04:30	1.50	TREBOP	RURD	PROD1	FINISH RU PRESSURE CONTROL EQUIP
04:30	05:00		DRILL	PULD	PROD1	PU BHA #2
05:00	06:00		DRILL	TRIP	PROD1	TIH W/ BHA & BIT #2
Report Nun	nber	6		F	leport Start D	
ime Log		<u> </u>				4/21/2007 4/22/2007
Start Time	End Time	Dur (hrs)	Op Code	OpSub-Code		Operation Operation
6:00	08:00 08:45		DRILL DRILL	TRIP	PROD1	TIH W/BHA AND BIT#2
)8:00 )8:45	08:45		DRILL	DHEQ	PROD1	CIRC. AND COND. HOLE DISP. FRESH WATER CASING TEST @ 1000PSI FOR 30 MINS.
9:30	11:15		DRILL	DRLG	PROD1	DRL F/1602'-1612'
11:15	11:30		DRILL	FIT	PROD1	F.I.T. TEST-250PSI FOR 15MINS-ALL OK.
11:30	16:30		DRILL	DRLG	PROD1	DRL F/1612'-1848'
16:30	17:00		DRILL	SRVY	PROD1	WLS @ 1812'50 DEG
17:00	01:45	F0.020020000000000000000000000000000000	DRILL	DRLG	PROD1	DRL F/1848'-2330'
01:45 02:00	02:00		DRILL DRILL	SRVY	PROD1	WLS @ 2280'50 DEG
12 1111	06:00 nber	4.00	טחונג	DRLG	PROD1	DRL F/2330'-2556'
		7				4/22/2007 4/23/2007
Report Nun						
Report Nun Fime Log		Dur (bre)	On Code	OnSuh-Code	Phace	Operation
Report Nun  Time Log  Start Time	End Time	Dur (hrs) 7.50	Op Code DRILL	OpSub-Code DRLG	PROD1	Operation   DRLG F/2556'-2802'
Report Nun Time Log	End Time	7.50 0.50				

Report Printed: 5/3/2007

# ConocoPhillips

### **Timelog Summary Report**

## **VACUUM GLORIETA EAST UNIT PH 4 2-021**

Time Log	9							
Start Time	End Time	Dur (hrs)	Op Code	OpSub-Cod			Operation	
2:15	22:45		DRILL	SFTY	PROD1	BOP DRILL		
2:45	06:00	7.25	DRILL	DRLG	PROD1	DRLG F/3081'-3275'		
eport Nu	ımber	8			Report Start D	4/23/2007	Report End Date	4/24/2007
ime Log	<u> </u>							
Start Time	End Time	Dur (hrs)	Op Code	OpSub-Coo			Operation	
6:00	06:30		DRILL	SRVY	PROD1	WLS @ 3233'75 DEG.		
6:30	01:30	19.00	DRILL	DRLG	PROD1	DRLG F/3275'-3751'		eren. Karangan
1:30	02:00	1 1	DRILL	SRVY	PROD1	WLS @ 3754'-1 DEG.		
2:00	06:00	4.00	DRILL	DRLG	PROD1	DRLG F/3751'-3859'		
eport Nu	ımber	9			Report Start D	Pate 4/24/2007	Report End Date	4/25/2007
ime Log								1,20,200,
Start Time	End Time	Dur (hrs)	Op Code	OpSub-Coc			Operation	
6:00	11:30		DRILL	DRLG	PROD1	DRLG F/3859'-4006'		
1:30	12:00		DRILL	SRVY	PROD1	WLS @ 3965'75 DEG		
2:00	06:00	18.00	DRILL	DRLG	PROD1	DRLG F/4006'-4439'		
leport Nu	ımber	40			Report Start D		Report End Date	4/00/0007
		10				4/25/2007		4/26/2007
ime Loo Start Time		Dur (hrs)	Op Code	OpSub-Cod	ie Phase		Operation	
6:00	08:30		DRILL	DRLG	PROD1	DRLG F/4439'-4511'	Cobradon	<u> </u>
8:30	09:00	The second secon	DRILL	SRVY	PROD1	WLS @ 4471'-0.50 DEG		
9:00	20:15	11.25	G804446001 11	DRLG	PROD1	DRLG F/4511'-5019'		
20:15	20:45		DRILL	SRVY	PROD1	WLS @ 4972'-0.75 DEG		
0:45	06:00	A SCHOOL SHOW AND A SCHOOL SHOW	DRILL	DRLG	PROD1	DRLG F/5019'-5364'		
Report Nu	1	U.20			Report Start D		Report End Date	
	<del></del>	11				4/26/2007		4/27/2007
Time Log								
Start Time		Dur (hrs)	Op Code	OpSub-Coc		BBI 0.5/5050 TO 5400	Operation	
06:00	09:30		DRILL	DRLG	PROD1	DRLG F/ 5350' TO 5492'		
10.00	1	1					Ly L. Loga aggregation of the control of the contro	
38000 1 Mills 1 Albert 1 Alber	10:00	0.50	DRILL	SRVY	PROD1	SRVY/ 5450' = 1*	X XX	
0:00	10:00 16:45	0.50 6.75	DRILL DRILL	SRVY DRLG	PROD1 PROD1	SRVY/ 5450' = 1* DRLG/ 5492' TO 5744'		
0:00 6:45	10:00 16:45 17:15	0.50 6.75 0.50	DRILL DRILL DRILL	SRVY DRLG SRVY	PROD1 PROD1 PROD1	SRVY/ 5450' = 1* DRLG/ 5492' TO 5744' SRVY @ 5701' = 1*	ur caer	
0:00   <b>6:45</b>  7:15	10:00 16:45 17:15 02:15	0.50 6.75 0.50 9.00	DRILL DRILL DRILL DRILL	SRVY DRLG SRVY DRLG	PROD1 PROD1 PROD1 PROD1	SRVY/ 5450' = 1* DRLG/ 5492' TO 5744' SRVY @ 5701' = 1* DRLG F/ 5744' TO 6029'		
10:00 6:45 7:15 02:15	10:00 16:45 17:15 02:15 02:45	0.50 6.75 0.50 9.00 0.50	DRILL DRILL DRILL DRILL DRILL DRILL	SRVY DRLG SRVY DRLG SRVY	PROD1 PROD1 PROD1 PROD1 PROD1	SRVY/ 5450' = 1* DRLG/ 5492' TO 5744' SRVY @ 5701' = 1* DRLG F/ 5744' TO 6029' SRVY @ 5987' = 1.50*		
0:00 (6:45  7:15 02:15 02:45	10:00 16:45 17:15 02:15 02:45 06:00	0.50 6.75 0.50 9.00 0.50	DRILL DRILL DRILL DRILL	SRVY DRLG SRVY DRLG SRVY DRLG	PROD1 PROD1 PROD1 PROD1 PROD1 PROD1	SRVY/ 5450' = 1*  DRLG/ 5492' TO 5744'  SRVY @ 5701' = 1*  DRLG F/ 5744' TO 6029'  SRVY @ 5987' = 1.50*  DRLG F / 6029' TO 6163'		
0:00 (6:45  7:15 02:15 02:45	10:00 16:45 17:15 02:15 02:45 06:00	0.50 6.75 0.50 9.00 0.50	DRILL DRILL DRILL DRILL DRILL DRILL	SRVY DRLG SRVY DRLG SRVY DRLG	PROD1 PROD1 PROD1 PROD1 PROD1	SRVY/ 5450' = 1*  DRLG/ 5492' TO 5744'  SRVY @ 5701' = 1*  DRLG F/ 5744' TO 6029'  SRVY @ 5987' = 1.50*  DRLG F / 6029' TO 6163'	Report End Date	4/28/2007
0:00 6:45 7:15 12:15 12:45 Report Nu	10:00 16:45 17:15 02:15 02:45 06:00	0.50 6.75 0.50 9.00 0.50 3.25	DRILL DRILL DRILL DRILL DRILL DRILL DRILL DRILL	SRVY DRLG SRVY DRLG SRVY DRLG	PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 Report Start D	SRVY/ 5450' = 1*  DRLG/ 5492' TO 5744'  SRVY @ 5701' = 1*  DRLG F/ 5744' TO 6029'  SRVY @ 5987' = 1.50*  DRLG F / 6029' TO 6163'		4/28/2007
0:00 6:45 7:15 02:15 02:45 Report Nu	10:00 16:45 17:15 02:15 02:45 06:00 imber	0.50 6.75 0.50 9.00 0.50 3.25	DRILL DRILL DRILL DRILL DRILL DRILL DRILL DRILL ORILL	SRVY DRLG SRVY DRLG SRVY DRLG OPSub-Coc	PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 Report Start D	SRVY/ 5450' = 1*  DRLG/ 5492' TO 5744'  SRVY @ 5701' = 1*  DRLG F/ 5744' TO 6029'  SRVY @ 5987' = 1.50*  DRLG F / 6029' TO 6163'  late  4/27/2007	Report End Date Operation	4/28/2007
10:00 16:45 7:15 02:15 02:45 Report Nu Fime Log Start Time 06:00	10:00 16:45 17:15 02:15 02:45 06:00 imber 9 End Time 10:15	0.50 6.75 0.50 9.00 0.50 3.25 12	DRILL	SRVY DRLG SRVY DRLG SRVY DRLG OPSub-Coc	PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 PROD1 Report Start D	SRVY/ 5450' = 1*  DRLG/ 5492' TO 5744'  SRVY @ 5701' = 1*  DRLG F/ 5744' TO 6029'  SRVY @ 5987' = 1.50*  DRLG F / 6029' TO 6163'  ate  4/27/2007  DRLG F / 6163' TO 6345' TD	Operation	
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# Timelog Summary Report VACUUM GLORIETA EAST UNIT PH 4 2-021

Time Log	i					
Start Time	End Time	Dur (hrs)	Op Code	OpSub-Code		Operation
06:30	10:15	3.75	CASING	RNCS	PROD1	TOP TO BTM DETAILS 5.5" 15.50# J-55 LT&C
						101 JTS CSG
		]	1			1 DOUBLE MARKER JT [4260'-4305']
		•			}	38 CSG JTS
						1 DOUBLE MARKER JT [5874'-5919']
						9 CSG JTS
						FLOAT COLLAR @ 6284'
		İ	i			1 SHOE JT
						FLOAT SHOE
						CSG SET @ 6329' W/48 CENTRALIZERS.
						RD EXPRESS CSG.
10:15	11:30	1.25	CEMENT	CIRC	PROD1	CIRC.
11:30	12:00	0.50	CEMENT	SFTY	PROD1	PJSM F/CMTG OPS.
12:00	14:30	1	CEMENT	CIRC	PROD1	CMT AS FOLLOWS:
		printer Nitr				LEAD 1200 SX INTERFILL C MIXED @ 11.8 PPG W/2.52 FT3/SX YIELD & 14.62 GAL/SX WTR W/ 0.125 #/SX FLAKES & 0.2% HALAD 9 FOLLOWED W/500 SX 50:50 PREM POZ MIXED @ 14.2 PPG W/1.32 FT3/SX YIELD & 6.13 GAL/SX WTR W/5% SALT, 0.4% HALAD 9, 0.2% CFR-3 & 1% WELLLIFE FDP-C734 DISPLACED W/2% KCL. BUMP PLUG W/2600 PSI. REL PRESS. FLOAT HELD. CIRC 60 BBLS [133 SX] CMT TO SURFACE. RD HES
14:30	21:00	6.50	SURFEQ	NUND	PROD1	ND BOPE. PU BOP W/LIFT WINCHES. SET SLIPS-CUTOFF CSG. LD BOPE. INSTALL TBGHEAD. TEST 3000# FOR 15 MINS. OK. JET & CLEAN PITS. REL RIG ON 04-29-2007 @ 2100 HRS
21:00	06:00	9.00	RIGMNT	RURD	PROD1	R/D PREP, RIG TO MOVE F/ VGEU PH2-021 TO VGEU PH2-027.

# ConocoPhillips' General Plan for Pit Construction & Closure in Southeast New Mexico October 2005

In accordance with Rule 19.15.2.50(B)(2), the following information describes the construction and closure of drilling pits on COPC Southeast New Mexico (SENM) locations. This will become COPC's standard procedure on all SENM locations. If pits are constructed or closed out of the norm, a separate permit application will be submitted.

### **Drill Pit Construction:**

#### General:

- Depth to Ground Water, Wellhead Protection Area & Distance to Nearest Surface Water Body ranking criteria will be site specific and information will be provided on APD or Sundry form C-103.
  - In the case where groundwater is encountered during the construction of a drilling pit, the NMOCD will be contacted and COPC will either try to find an alternative well location or use a closed steel tank system.
- The pit size and design is specific to well depth and location conditions.
- Topsoil will be stockpiled in the construction zone for later use in restoration.
- Pits will not to be located in natural drainages.
- Diversion ditches will be constructed and maintained so that runoff water from outside the location is not allowed to enter the pit.
- Under no circumstance will pits be cut and drained during the drilling operations.
- A well sign will be on location identifying ConocoPhillips as the operator.
- Waste material at construction sites shall be disposed of promptly at an appropriate waste disposal site. No trash shall be disposed of in the drilling pit.
- Immediately after cessation of drilling and completion pits shall have any visible or measurable layer of oil removed from the surface.
- Prior to any pit construction the OCD will be notified at least 48 hours in advance.

### **Reserve Pit**

- Pits will be constructed so as not to leak, break or allow discharge of liquids or produced solids during the drilling operations.
- Pits will be lined with impervious material at least 12 mils thick, which meets long-term standards as referenced in the guidelines. Padding (hay or pad dirt) is used underneath the synthetic liner in rocky areas.
- The pit will have adequate capacity to maintain 2 feet of free board.
- The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out.

### **Blow Pit**

- Pits will be constructed to allow gravity flow to discharge into lined drill pit.
- The lower half of the pit, which is toward the drain line to the fully lined reserve pit, will be lined.
- Design of pit has been changed to reduce potential for trapped fluid at tail end of pit
- Pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves off.
- Corrective actions will be taken to ensure the pit does not contain fluid.
  - This includes pumping out trapped fluid or fluid in low spots.
  - Filling in low spots in the blow pit that are below the elevation of the drain pipe to the lined pit.
  - Removing any high spots in blow pit that could trap rain water.

### **Pit Monitoring and Maintenance**

- COPC will perform an inspection of the location including pit compliance within 72 hours of rig moving
  off.
- COPC will review the OCD pit requirements and the requirements included in this document with all COPC and contract personnel responsible for construction and closure of pits.

### **Drill Pit Closure:**

- Good faith effort is made to close pits within required timeframe on Federal wells (90 days) and State/Fee wells (6 months). If pits will remain open past due dates, an extension will be requested by sundry notice to allow pits to remain open.
- The BLM is notified 24 hours prior to fluid hauling on Federal wells.
- The NMOCD will be notified 48 hours prior to closing of any pit.
- Aeration of pit fluids will be confined within pit area.
- Wells which have not penetrated a salt section and where less than 9.5# brine was used during drilling will be encapsulated below-grade.
  - Encapsulation will be accomplished by mixing earthen materials with the pit contents to stiffen the pit contents, as necessary, folding the edges of the liner over the stiffened mud and cuttings and covering the encapsulated wastes and liner with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
- Wells which have penetrated a salt section or 9.5# brine or greater was used during drilling may be capped and encapsulated insitu or deep trench buried and capped below-grade.
  - Capping and encapsulation insitu will be accomplished by mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support for the pit cover, folding the edges of the liner over the stiffened mud and cuttings; capping the pit with either a 1-foot thick clay cap compacted to ASTM standards, or a 20 mil minimum liner and covering the cap with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
  - Deep trench burial and capping will be accomplished by digging a trench adjacent to the drilling pit; lining the trench with a 12 mil liner; mixing earthen materials with the pit contents, as necessary to stiffen the pit contents sufficiently to provide physical stability and support for the trench cap; capping the trench with either a 1-foot clay cap compacted to ASTM standards, or a 20 mil minimum liner and covering the cap with a minimum of 3 feet of clean soil or like material that is capable of supporting native plant growth.
  - o When constructing the cap, the liner or clay cap will overlap the underlying pit or trench area by at least 3 feet in all directions.
- If the depth to groundwater is less than 50 feet or if the well is located less than 200 feet from a domestic fresh water well or spring or less than 1000 feet from any other fresh water well or if the distance to surface water body is less than 200 feet; the well is considered to be in sensitive area. (Keep in mind that these are not the only scenarios of sensitive area.)
  - A special encapsulation or solidification process prior to covering the pit contents will be accomplished by mixing the pit contents with cement or some other solidifying product at approximately a 3 to 1 ratio with samples taken and approved by the OCD prior to closure and then contents buried as described above.
  - o OCD must give written approval on any special closure or encapsulation prior to any work being done.
- The reserve pit will then be backfilled, leveled and contoured so as to prevent run-off to surface water.
- The area will be reseeded with the appropriate seed mixture.
- The final grade of reserve pit (after reclamation) will be returned to natural contour of the land such that no pooling will occur.
- A closure report will be submitted on Form C-144 on all drilling pits.
- Note: On Federal wells, a BLM inspector may witness pit closures and may mandate specific modifications to that which is mentioned above. If this happens, OCD will be contacted for concurrence and modifications will be noted in the closure report.