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DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number 30-025-40361	Pool Code 37570	Pool Name Lea; Bone Spring
Property Code 38941	Property Name QUAIL STATE "16" COM	Well Number 3H
OGRID No. 151416	Operator Name FASKEN OIL AND RANCH, LTD	Elevation 3640'

Surface Location

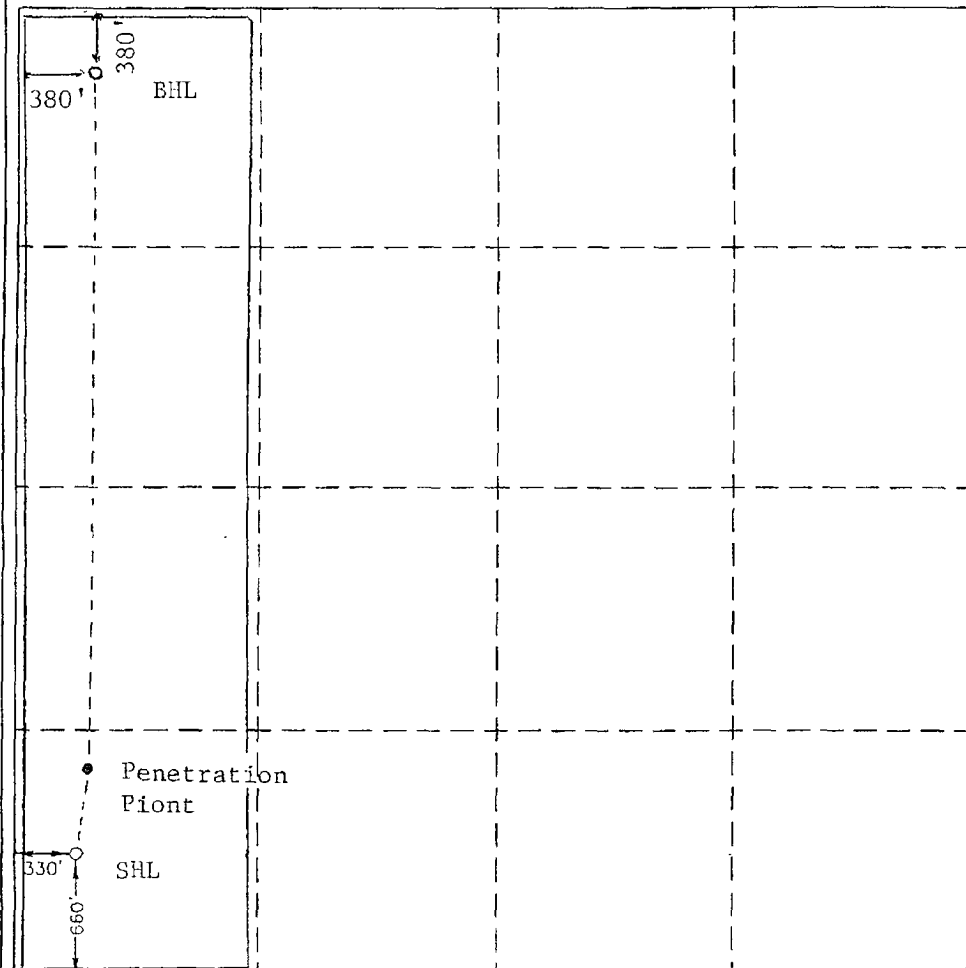
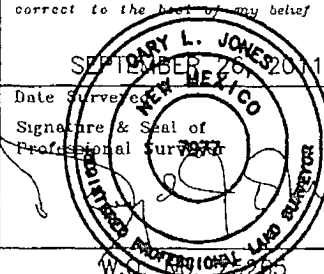
UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	20 S	34 E		660	SOUTH	330	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	20 S	34 E		380	NORTH	380	WEST	LEA

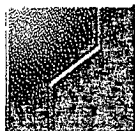
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Kim Tyson</u> 3-15-2012 Signature Date Kim Tyson Printed Name kimt@forl.com Email Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.  Date Surveyed: SEPTEMBER 20, 2011 Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 25265
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Penetration Point - 1060' FSL and 380' FWL

Amended Plat



Job Number: Proposed
Company: Fasken Oil and Ranch, Ltd
Lease/Well: Quail State No 3H
Location: Lea County, NM
Rig Name: Precision 75
State/County: NM/ Lea
Country: USA
API Number:

Elevation (To MSL): 0 00 ft
RKB: 3660 00 ft
Projection System: US State Plane 1927 (Exact solution)
Projection Group: Texas Central 4203
Projection Datum: CLARKE 1866
Magnetic Declination: 3 23
Grid Convergence: 2 41208 E
Date: Thursday, March 15, 2012

Calculated by HawkEye Software
Minimum Curvature Method
Vertical Section Plane 0.67°
Northing: 810940.54 Easting: 3455231.48
Latitude: 31°48'43.5024" N Longitude: -95°38'50.7877" W
Direction Reference: Grid North

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	EW (Ft)	NS (Ft)	VS (Ft)	Closure (Ft)	Walk Rate °/100Ft	Build Rate °/100Ft
0 00	0 00	0 00	0.00	0 00	0.00	0 00	0 00	0 00	0 00
10573 03	0 00	0.00	10573 03	0 00	0 01	0.01	0 01	0.00	0 00
10593 03	3 00	7 13	10593 02	0 06	0 53	0.53	0 53	35.63	15 00
10613 03	6 00	7 13	10612 96	0 26	2.09	2 09	2 10	0 00	15 00
10633 03	9 00	7 13	10632.78	0.58	4.68	4 68	4.71	0 00	15.00
10653 03	12 00	7.13	10652 45	1.04	8.29	8 30	8.36	0 00	15 00
10673.03	15 00	7 13	10671 89	1.61	12.92	12 94	13.02	0.00	15 00
10693.03	18 00	7.13	10691.07	2 32	18.56	18.59	18.70	0 00	15 00
10713.03	21 00	7.13	10709 92	3 15	25 18	25.22	25.38	0 00	15 00
10733.03	24 00	7.13	10728 39	4 10	32 78	32 82	33 03	0.00	15 00
10753.03	27.00	7 13	10746.44	5 16	41.32	41 38	41.64	0.00	15.00
10773.03	30 00	7 13	10764 02	6.35	50 79	50 86	51.18	0 00	15.00
10793 03	33.00	7 13	10781 07	7 64	61.16	61 24	61.63	0.00	15.00
10813 03	36 00	7 13	10797 55	9.05	72 40	72.50	72 96	0.00	15.00
10833 03	39 00	7 13	10813.41	10 56	84.48	84.59	85 13	0.00	15 00
10853.03	42 00	7.13	10828 62	12 17	97.36	97 50	98 12	0 00	15 00
10873.03	45 00	7 13	10843.12	13 88	111.02	111 18	111.89	0.00	15 00
10893.03	48 00	7.13	10856 89	15 68	125.42	125 59	126 39	0.00	15.00
10913.03	51 00	7 13	10869 88	17 56	140.51	140.70	141 60	0.00	15.00
10933 03	54 00	7 13	10882 05	19 53	156.25	156 46	157 46	0.00	15.00
10953.03	57.00	7.13	10893.38	21 57	172 60	172.84	173 94	0.00	15 00
10973 03	60.00	7 13	10903 83	23 69	189.52	189 78	191 00	0.00	15 00
10993.03	63 00	7 13	10913 37	25.87	206 96	207.25	208 57	0.00	15 00
11013 03	66 00	7 13	10921.98	28.11	224 87	225 18	226 62	0 00	15 00
11033 03	69.00	7 13	10929.63	30 40	243 20	243 54	245 09	0 00	15.00
11053 03	72.00	7 13	10936.31	32.74	261 91	262.27	263.95	0.00	15.00
11073 03	75.00	7 13	10941.99	35.12	280 93	281 32	283.12	0 00	15.00
11093 03	78 00	7 13	10946.65	37.53	300 23	300.65	302 56	0 00	15 00
11113 03	81.00	7 13	10950 30	39 97	319 74	320.18	322 23	0.00	15 00
11133 03	84.00	7 13	10952 91	42.43	339.41	339 88	342 05	0.00	15.00
11153 03	87.00	7 13	10954 48	44.90	359 19	359.69	361 99	0.00	15.00
11173 03	90.00	7 13	10955 00	47 38	379.03	379.56	381 98	0.00	15.00
11173.06	90.01	7 13	10955.00	47 38	379.06	379.59	382.01	0.00	14.99
11194.16	90.01	7 13	10955 00	50 00	400 00	400.55	403 11	0.00	0 00
11199 16	90 01	6.38	10955 00	50 59	404 96	405 53	408 11	-14.91	0 08
11204 16	90 01	5 63	10955 00	51.11	409 94	410 50	413 11	-15 00	-0 02
11209 16	90 01	4 88	10955 00	51.57	414.91	415 49	418.11	-15.00	-0 02
11214 16	90 01	4 13	10955 00	51 96	419 90	420 48	423.10	-15 00	-0.02
11219 16	90.00	3.38	10955 00	52.29	424.89	425 47	428.09	-15.00	-0.02
11224.16	90 00	2 63	10955 00	52.55	429 88	430 47	433.08	-15 00	-0.02
11229.16	90.00	1 88	10955 00	52.75	434 88	435 46	438.07	-15 00	-0.02
11234 16	90 00	1.13	10955 00	52.88	439 88	440.46	443.04	-15 00	-0.02
11239 16	90.00	0.38	10955 00	52 95	444.88	445 46	448.02	-15 00	-0.02

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	EW (Ft)	NS (Ft)	VS (Ft)	Closure (Ft)	Walk Rate %/100Ft	Build Rate %/100Ft
11242.42	90.00	359.89	10955.00	52.95	448.14	448.72	451.25	-15.00	-0.02
12794.29	90.00	359.89	10955.00	50.00	2000.00	2000.45	2000.62	0.00	0.00
12799.29	89.90	359.92	10955.01	49.99	2005.00	2005.45	2005.63	0.54	-1.91
12804.29	89.81	359.95	10955.02	49.99	2010.00	2010.45	2010.62	0.56	-1.92
12809.29	89.71	359.97	10955.04	49.98	2015.00	2015.45	2015.62	0.56	-1.92
12813.93	89.62	0.00	10955.07	49.98	2019.64	2020.09	2020.26	0.56	-1.92
15084.34	89.62	0.00	10970.00	50.00	4290.00	4290.29	4290.29	0.00	0.00